HISTORY INFORMATION FOR THE FOLLOWING MANUAL:

SERVICE MANUAL

EX1 CHASSIS

MODEL NAME	REMOTE COMMANDER	DESTINATION
KDL-46V4100	RM-YD023	US
KDL-46V4100	RM-YD023	CANADA
KDL-46V4100	RM-YD023	MEXICO
KDL-46V4100	RM-YD023	LATIN AMERICA

ORIGINAL MANUAL ISSUE DATE: 5/2008

☛:UPDATED ITEM

REVISION DATE	SUBJECT
5/2008	No revisions or updates are applicable at this time.
8/2008	Reissue entire manual due to multiple updates.
9/2008	Updated reference to LCD Panels Manual. Replaced pages 67, 71 & 93.

LCD DIGITAL COLOR TELEVISION

SONY®

9-883-784-03

Self Diagnosis Supported model

SERVICE MANUAL

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KDL-46V4100

RM-YD023

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SPECIFICATIONS

Power Requirements 120V AC, 60Hz

Power Consumption (W)
In Use (Max) 260W

In Standby Less than 0.1W

VIDEO (IN) 1/2/3:
S Video (4-Pin Mini DIN (VIDEO 1 Only)
Y: 1.0 Vp-p, 75 ohms unbalanced, sync negative
C: 0.286 Vp-p (Burst signal), 75 ohms
Video
1.0 Vp-p, 75 ohms unbalanced, sync negative
Audio
500 mVrms (Typical)
Impedance:47 kilohms

COMPONENT IN 1/2:
YP_BP_R (Component Video)
Y:1.0 Vp-p, 75 ohms unbalanced, sync negative
P_B:0.7 Vp-p, 75 ohms
P_R:0.7 Vp-p, 75 ohms
Signal format: 480i, 480p, 720p, 1080i, 1080p
AUDIO
500 mVrms (Typical)
Impedance: 47 kilohms

HDMI IN 1/2/3/4:
HDMI: Video: 480i, 480p, 720p, 1080i,1080p, 1080/24p
Audio: Two channel linear PCM 32, 44.1 and 48 kHz, 16, 20 and 24 bits, Dolby Digital

AUDIO (for HDMI IN 4):
500 mVrms (Typical)
Impedance: 47 kilohms

AUDIO OUT:
500 mVrms (Typical)

DIGITAL OUT (OPTICAL):
Optical Digital Audio Output (PCM/Dolby digital)

PC IN:
D-sub 15-pin, analog RGB, 0.7 Vp-p, 75 ohms, positive

PC AUDIO INPUT:
Stereo mini jack, 500 mVrms (Typical)
Impedance: 47 kilohms

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U.S. Patent No. 5,717,422
U.S. Patent No. 6,816,141

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Design and specifications are subject to change without notice.

	KDL-46V4100
Speaker Output	10W+10W
mm	65 X 150 mm
in	$2^{1/2}$ x $5^{7/8}$ in
Dimensions (W x H x D)	
with stand	
mm	1,120 x 782 x 307 mm
in	$44^{1/8}$ x $30^{7/8}$ x $12^{1/8}$ in
without stand	
mm	1,120 x 742 x 115 mm
in	$44^{1/8}$ x $29^{1/4}$ x $4^{5/8}$ in
wall-mount hole pattern	300 x 300 mm
Mass	
with stand	
kg	30 kg
lbs	67 lbs
without stand	
kg	26 kg
lbs	58 lbs

All measurements are approximations.

Television system

NTSC	American TV Standard
ATSC (8VSB terrestrial)	ATSC compliant 8VSB
QAM on cable	ANSI/SCTE 07 2000

Channel coverage

Analog	
2-69	Terrestrial
1-135	Cable
Digital	
2-69	Terrestrial
1-135	Cable

Antenna

75-ohm external terminal for RF inputs

Panel System

LCD (Liquid Crystal Display) Panel

Display Resolution (horizontal x vertical)

1,920 dots x 1,080 lines

Screen Size (measured diagonally)

~ 46 inches

Supplied Accessories

Remote Commander RM-YD023
Two Size AA (R6) Batteries
AC Power Cord
Cable Holder (1 attached to the TV)
Operating Instructions
Quick Setup Guide
Warranty Card
Online Registration Card
Safety and Regulatory Booklet
Attaching the Table-Top Stand
Installing the Wall-Mount Bracket

Optional Accessories

Connecting Cables
Suport Belt Kit
Wall-Mount Bracket
SU-WL500
TV-Stand
WS-S10LS
SU-FL300M
SU-FL300L

WARNINGS AND CAUTIONS - ENGLISH

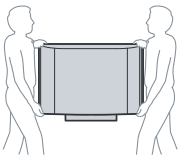
CAUTION

These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

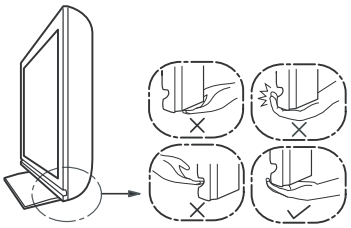
CARRYING THE TV

Be sure to follow these guidelines to protect your property and avoid causing serious injury.

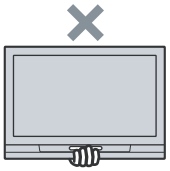
- Before carrying the TV, disconnect all cables.
- Carrying the large size TV requires two or more people.
- When carrying the TV, place your hand as illustrated and hold it securely. Do not subject the TV to shocks, vibration, or excessive force.



- Lift the TV by placing your palm directly underneath the panel but do not:
  - squeeze the speaker grill area
  - place your fingers in the groove above the speaker grill area
  - put stress on the LCD panel.



- Do not lift the TV from the bottom center.



WARNING!!

An isolation transformer should be used during any service to avoid possible shock hazard, because of live chassis. The chassis of this receiver is directly connected to the ac power line.

⚠ SAFETY-RELATED COMPONENT WARNING!!

Components identified by shading and ⚠ mark on the schematic diagrams, exploded views, and in the parts list are critical for safe operation. Replace these components with Sony parts whose part numbers appear as shown in this manual or in supplements published by Sony. Circuit adjustments that are critical for safe operation are identified in this manual. Follow these procedures whenever critical components are replaced or improper operation is suspected.

WARNINGS AND CAUTIONS - FRENCH

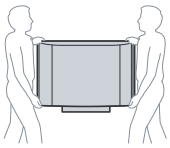
ATTENTION!!

Ces instructions de service sont à l'usage du personnel de service qualifié seulement. Pour prévenir le risque de choc électrique, ne pas faire l'entretien autre que celui contenu dans le Mode d'emploi à moins que vous soyez qualifié faire ainsi.

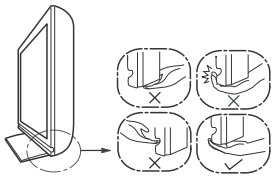
POUR TRANSPORTER LE TÉLÉVISEUR

Assurez-vous de suivre les consignes suivantes pour protéger votre bien et éviter les blessures graves.

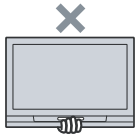
- Avant de transporter le téléviseur, débranchez tous les câbles.
- Le transport d'un téléviseur de grande taille doit être effectué par au moins deux personnes.
- Lorsque vous transportez le téléviseur, placez vos mains tel qu'illustré et tenez solidement l'appareil. Ne soumettez pas le téléviseur à des chocs ou à des vibrations, ni à une force excessive.



- Soulevez le téléviseur en plaçant la paume de votre main directement en dessous du panneau, mais :
  - n'appuyez pas sur la région de la grille de haut-parleur
  - ne placez pas vos doigts dans le sillon au-dessus de la région de la grille de haut-parleur
  - n'imposez pas de charge sur le panneau ACL.



- ne soulevez pas le téléviseur en plaçant vos mains en dessous au centre.



Afin d'eviter tout risque d'electrocution provenant d'un châssis sous tension, un transformateur d'isolement doit etre utilisé lors de tout dépannage. Le châssis de ce récepteur est directement raccordé à l'alimentation du secteur.

⚠ ATTENTION AUX COMPOSANTS RELATIFS A LA SECURITE!!

Les composants identifies par une trame et par une marque ⚠ sur les schemas de principe, les vues explosees et les listes de pieces sont d'une importance critique pour la securite du fonctionnement. Ne les remplacer que par des composants Sony dont le numero de piece est indique dans le present manuel ou dans des supplements publies par Sony. Les reglages de circuit dont l'importance est critique pour la securite du fonctionnement sont identifies dans le present manuel. Suivre ces procedures lors de chaque remplacement de composants critiques, ou lorsqu'un mauvais fonctionnement suspecte.

SAFETY-RELATED COMPONENT WARNING

There are critical components used in LCD color TVs that are important for safety. These components are identified with shading and ⚠ mark on the schematic diagrams and the electrical parts list. It is essential that these critical parts be replaced only with the part number specified in the electrical parts list to prevent electric shock, fire, or other hazard.

NOTE: Do not modify the original design without obtaining written permission from the manufacturer or you will void the original parts and labor guarantee.

USE CAUTION WHEN HANDLING THE LCD PANEL

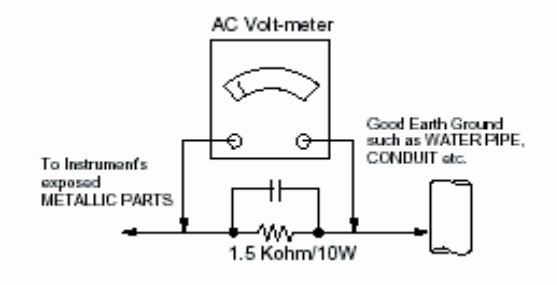
When repairing the LCD panel, be sure you are grounded by using a wrist band.

When installing the LCD panel on a wall, the LCD panel must be secured using the 4 mounting holes on the rear cover.

To avoid damaging the LCD panel:

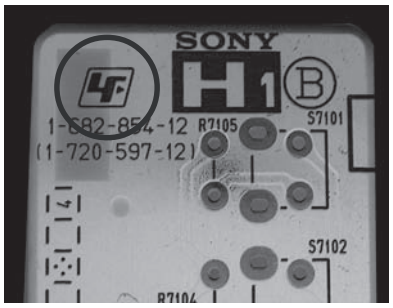
- → do not press on the panel or frame edge to avoid the risk of electric shock.
- → do not scratch or press on the panel with any sharp objects.
- → do not leave the module in high temperatures or in areas of high humidity for an extended period of time.
- → do not expose the LCD panel to direct sunlight.
- → avoid contact with water. It may cause a short circuit within the module.
- → disconnect the AC adapter when replacing the backlight (CCFL) or inverter circuit. (High voltage occurs at the inverter circuit at 650Vrms.)
- → always clean the LCD panel with a soft cloth material.
- → use care when handling the wires or connectors of the inverter circuit. Damaging the wires may cause a short.
- → protect the panel from ESD to avoid damaging the electronic circuit (C-MOS).

LEAKAGE CURRENT HOT CHECK CIRCUIT



example 1

The circuit boards used in these models have been processed using Lead Free Solder. The boards are identified by the LF logo located close to the board designation e.g. H1 etc [see example]. The servicing of these boards requires special precautions to be taken as outlined below.



It is strongly recommended to use Lead Free Solder material in order to guarantee optimal quality of new solder joints.
Lead Free Solder is available under the following part numbers :

Part number	Diameter	Remarks
7-640-005-19	0.3mm	0.25Kg
7-640-005-20	0.4mm	0.50Kg
7-640-005-21	0.5mm	0.50Kg
7-640-005-22	0.6mm	0.25Kg
7-640-005-23	0.8mm	1.00Kg
7-640-005-24	1.0mm	1.00Kg
7-640-005-25	1.2mm	1.00Kg
7-640-005-26	1.6mm	1.00Kg

Due to the higher melting point of Lead Free Solder the soldering iron tip temperature needs to be set to 370 degrees centigrade. This requires soldering equipment capable of accurate temperature control coupled with a good heat recovery characteristics.

For more information on the use of Lead Free Solder, please refer to *http://www.sony-training.com*

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

1. Check the area of your repair for unsoldered or poorly soldered connections. Check the entire board surface for solder splashes and bridges.

2. Check the interboard wiring to ensure that no wires are “pinched” or touching high-wattage resistors.

3. Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced. Be absolutely certain that you have replaced all the insulators.

4. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.

5. Look for parts which, though functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.

6. Check the line cords for cracks and abrasion. Recommend the replacement of any such line cord to the customer.

7. Check the antenna terminals, metal trim, “metallized” knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

Leakage Test

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers’ instructions to use these instructions.

2. A battery-operated AC milliampmeter. The Data Precision 245 digital multimeter is suitable for this job.

3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The “limit” indication is 0.75 V, so analog meters must have an accurate low voltage scale. The Simpson’s 250 and Sanwa SH-63TRD are examples of passive VOMs that are suitable. Nearly all battery-operated digital multimeters that have a 2 VAC range are suitable (see Figure A).

How to Find a Good Earth Ground

A cold-water pipe is a guaranteed earth ground; the cover-plate retaining screw on most AC outlet boxes is also at earth ground. If the retaining screw is to be used as your earth ground, verify that it is at ground by measuring the resistance between it and a cold-water pipe with an ohmmeter. The reading should be zero ohms.

If a cold-water pipe is not accessible, connect a 60- to 100-watt trouble- light (not a neon lamp) between the hot side of the receptacle and the retaining screw. Try both slots, if necessary, to locate the hot side on the line; the lamp should light at normal brilliance if the screw is at ground potential (see Figure B).

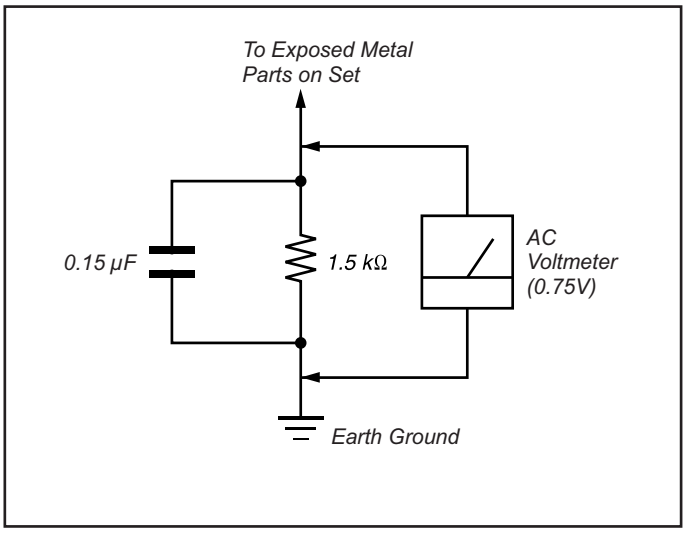


Figure A. Using an AC voltmeter to check AC leakage.

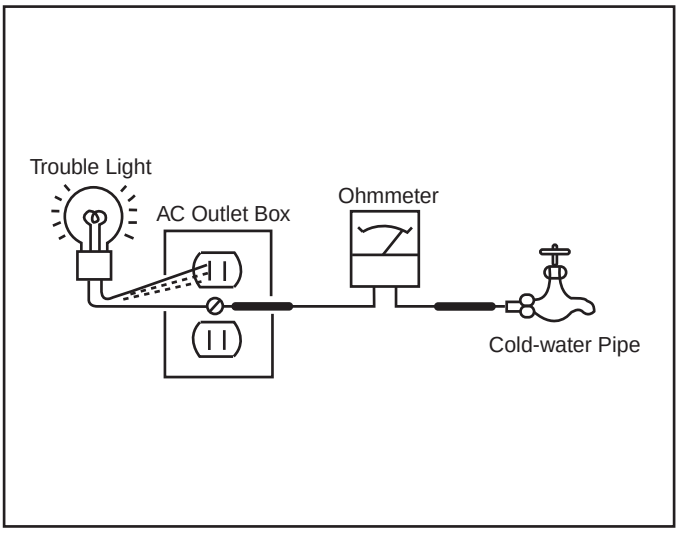


Figure B. Checking for earth ground.

SELF-DIAGNOSTIC FUNCTION

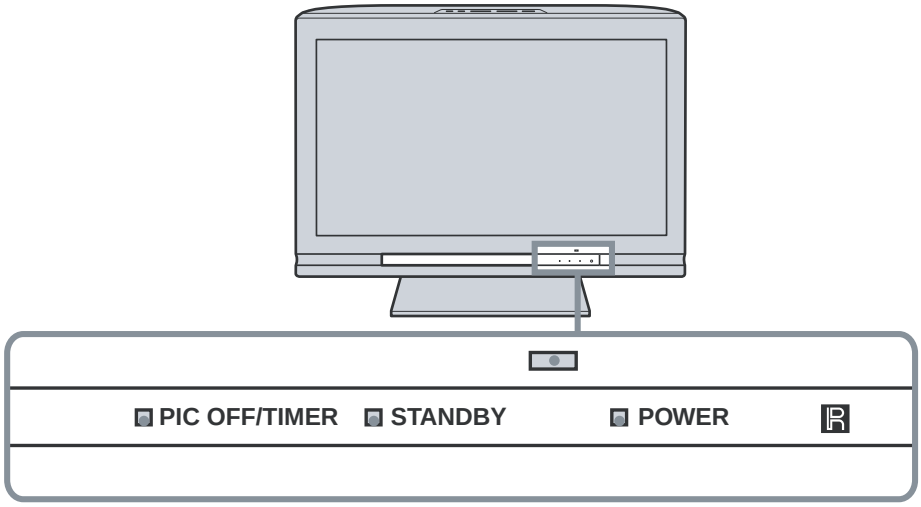
Self Diagnosis Supported model

The units in this manual contain a self-diagnostic function. If an error occurs, the STANDBY LED indicator will automatically begin to flash. The number of times the LED flashes translates to a probable source of the problem. A definition of the STANDBY LED flash indicators is listed in the instruction manual for the user's knowledge and reference. If an error symptom cannot be reproduced, the Remote Commander can be used to review the failure occurrence data stored in memory to reveal past problems and how often these problems occur.

1. Diagnostic Test Indicators

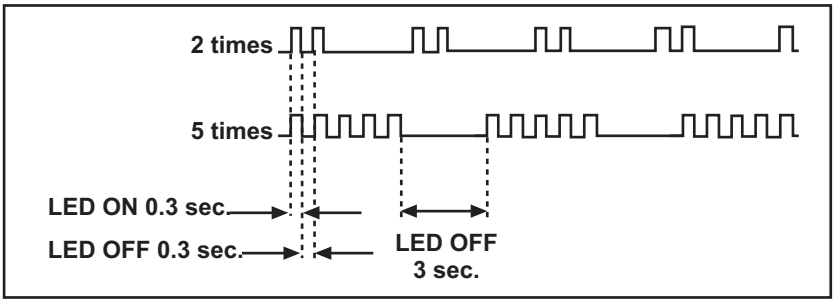
When an error occurs, the STANDBY LED indicator will flash a set number of times to indicate the possible cause of the problem. If there is more than one error, the indicator will identify the first of the problem areas.

Control Buttons



Description of LED Indictors

LED	LED Type	Description
POWER LED	Green LED	* Light when the TV set is on
STANDBY LED	Red LED	* Lights up in red when TV is in PC standby mode. * If LED blinks continuously, this may indicate that the TV needs servicing.
PIC OFF/ TIMER LED	Green or Orange LED	* Lights up in green when Picture Off is activated * Lights up in orange when the timer is set When timer is set, the LED remains lit even when the TV is turned off.



LED Indicators

Diagnostic Item Description	Number of times STANDBY lamp flashes	Possible Location
Main Power	2 times	Power Supply Board
DC Alert	3 times	Main Board Power Supply Board
Panel Alert	5 times	LCD Panel
Backlight	6 times	Power Supply Board (Balancer) ETC-Inverter Boards
Temp	7 times	Main Board
SP Prot	8 times	Main Board
Trident IC	11 times	Main Board
TCON Error	12 times	LCD Panel
Backlight Balance	13 times	LCD Panel (Balancer) ETC-Inverter Boards
HFR Error	14 times	LCD Panel

Viewing the Self Check Diagnostic List

1. TV must be in standby mode. (Power off).
2. Press the following buttons on the Remote Commander within a second of each other:
   DISPLAY ➡ Channel 5 ➡ Volume - ➡ TV POWER.
   The Self Check list displays. ⬆ This differs from accessing Service Adjustments.

Results for all of the following diagnostic items are displayed on screen. No error has occurred if the screen displays a "0".
NOTE: If the Service Menu display text is not completely visible, press the Menu HOME button on the Remote Commander to refresh the display.

```
SELF CHECK                    PAGE 1

002  MAIN_POWER               01
003  DC_ALERT1                00
005  PANEL_ALERT              00
006  BACKLIGHT                00
013  BACKLIGHT_BALANCE        00

00001  00027  00009 00000
```

⬅ 1 indicates an error was detected
⬅ 0 indicates no error was detected

3. Press the Channel 1 button on the Remote Commander to go to Page 2 of the Self Check list.

```
SELF CHECK                    PAGE 2

007  TEMP                     00
008  SP_PROT                  00
011  TRIDENT_IC               00
012  HFR_ERROR                00
012  TCON_ERROR               00

00001  00027  00009 00000
```

⬅ Displays as 12 Blinks, but is actually 14 Blinks

⬆ ⬆ ⬆ Total Panel Hours
⬆ ⬆ Total Hours of Operation
⬆ Boot Count

4. Press the Channel 4 button on the Remote Commander to go back to Page 1 of the Self Check list.
5. To exit Self Check display, turn the power off.

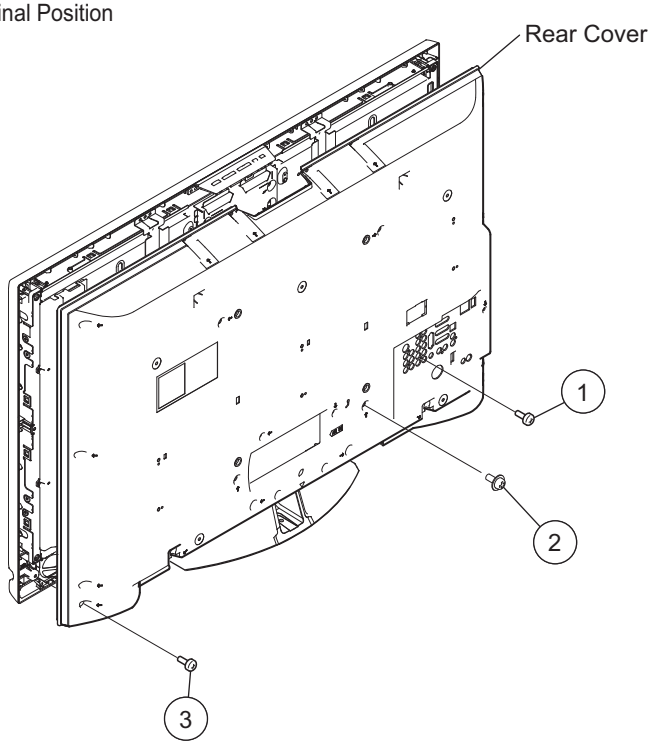
Clearing the Self Check Diagnostic List

1. In Service Mode, press the Channel 8 ➡ Channel 0.

SECTION 1: DISASSEMBLY

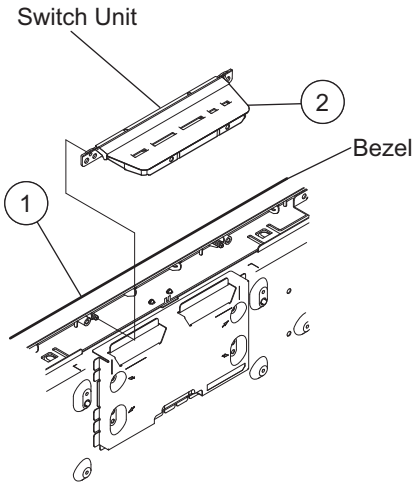
1-1. REAR COVER REMOVAL

(1) Remove 2 screws from Terminal Position
(2) Remove 6 screws
(3) Remove 21 screws



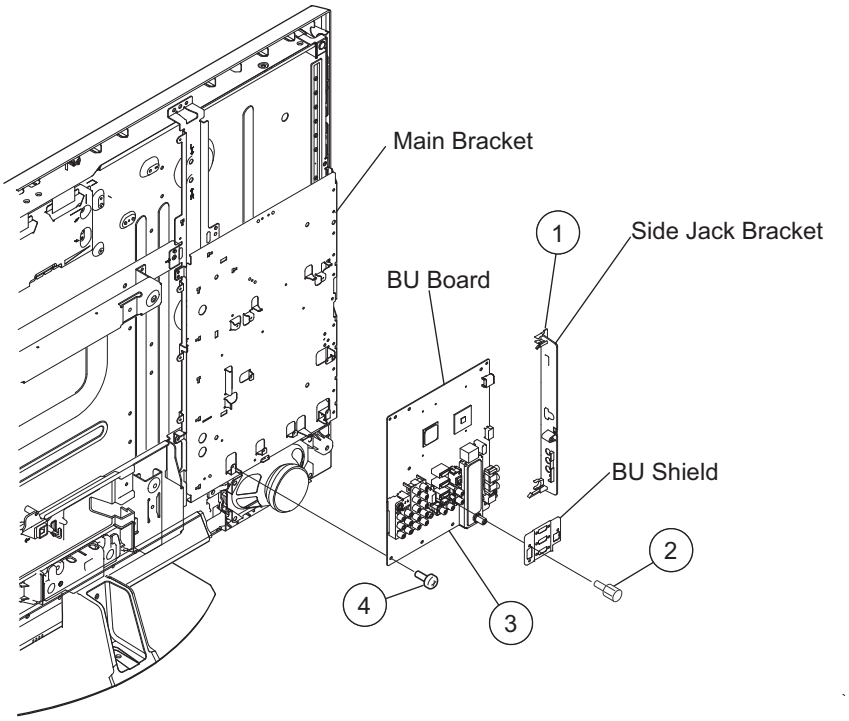
1-2. SWITCH UNIT REMOVAL (CONTAINS H1 BOARD)

(1) Remove from bezel
(2) Disconnect 1 connector



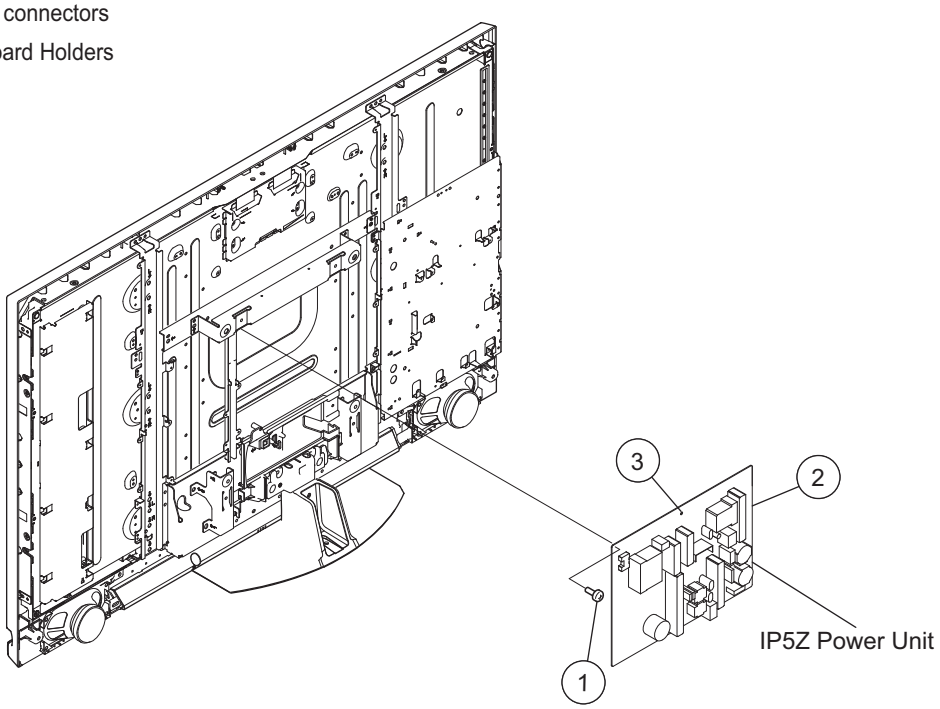
1-3. SIDE JACK BRACKET, BU SHIELD, AND BU BOARD REMOVAL

(1) Release hook and slide out Side Jack Bracket from BU Board
(2) Remove 2 HEX screws
(3) Disconnect 6 connectors
(4) Remove 9 screws



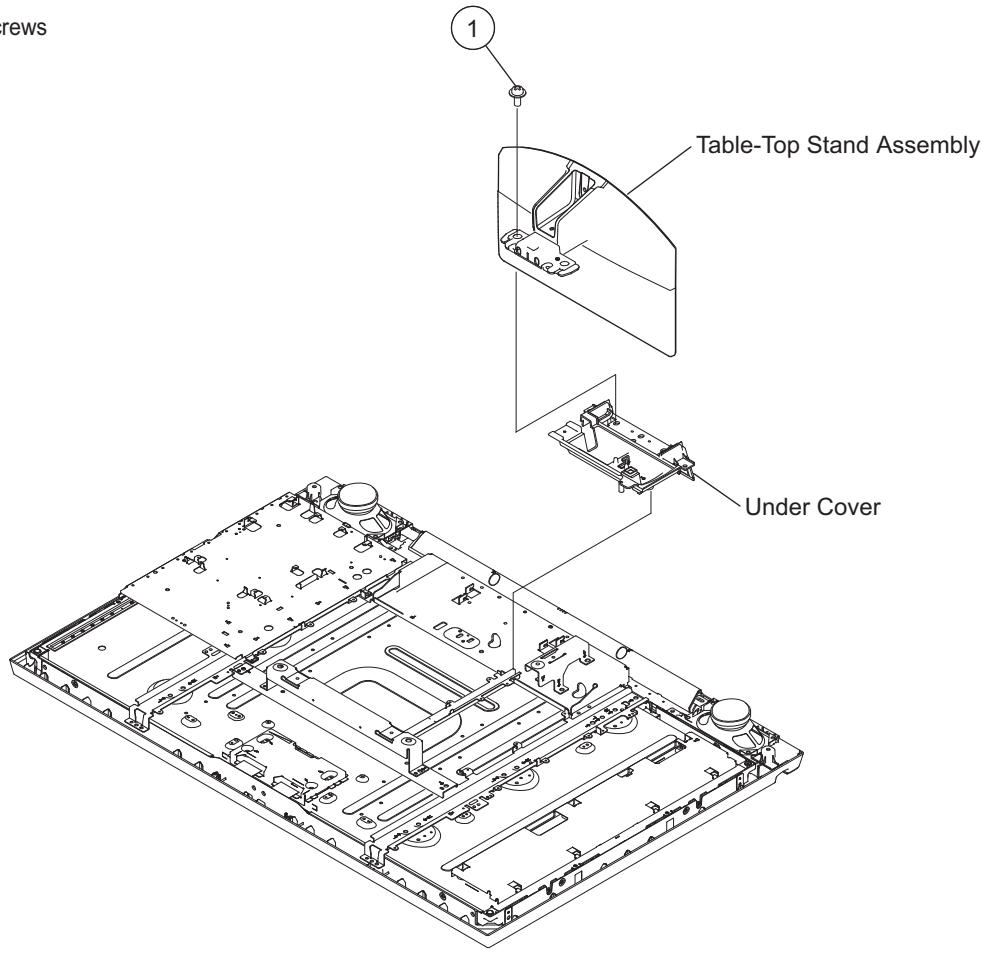
1-4. IP5Z BOARD (POWER UNIT) REMOVAL

(1) Remove 6 screws
(2) Disconnect 5 connectors
(3) Release 4 Board Holders



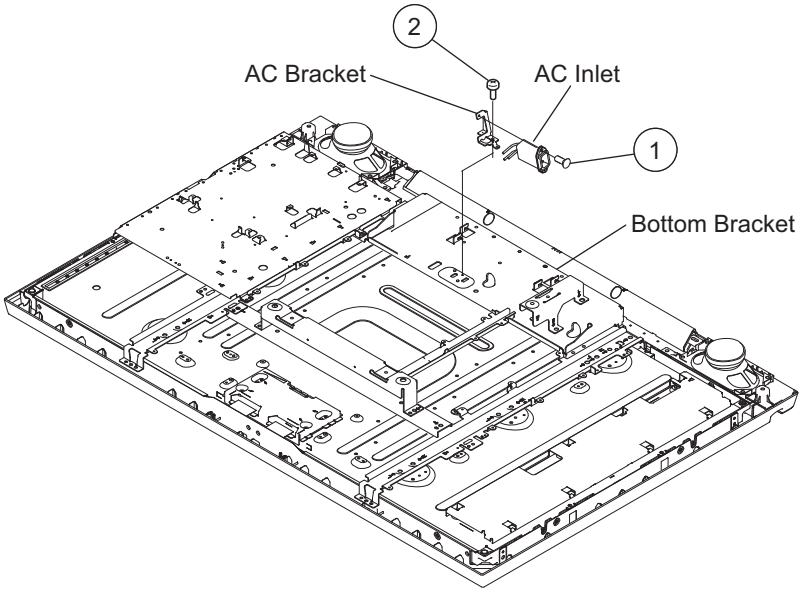
1-5. TABLE-TOP STAND AND UNDER COVER REMOVAL

① Remove 4 screws



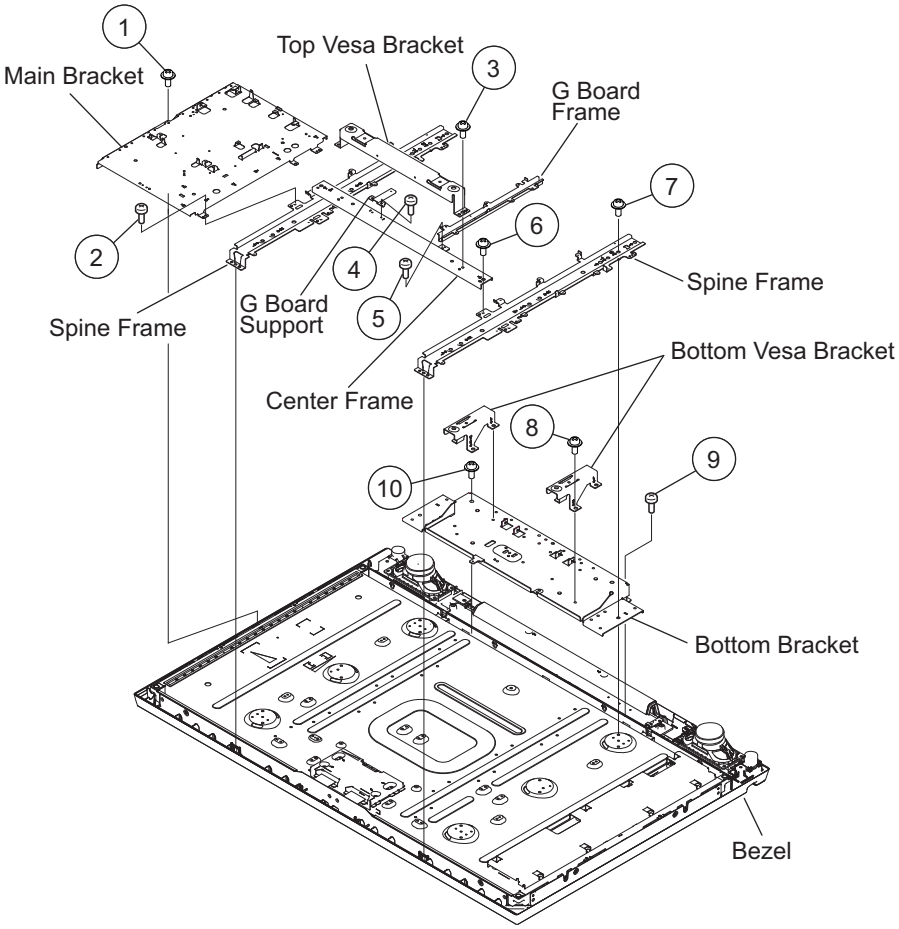
1-6. AC INLET REMOVAL

① Remove 2 screws
② Remove 1 screw



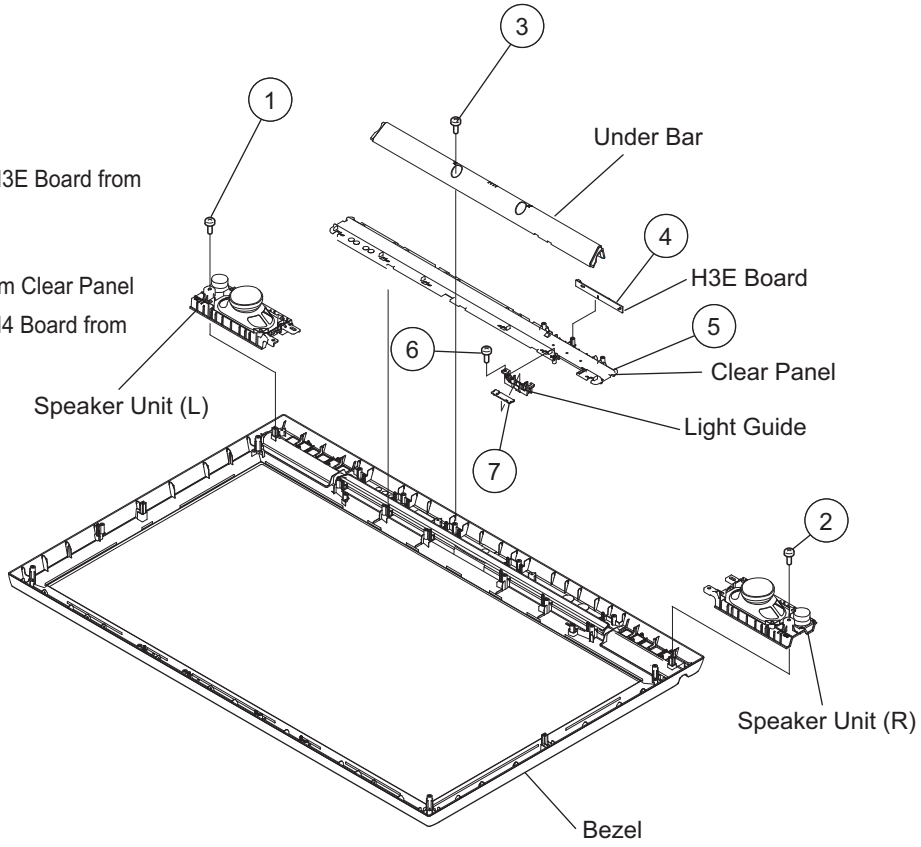
1-7. STRUCTURAL FRAMES AND BRACKETS REMOVAL

(1) Remove 1 screw from Main Bracket
(2) Remove 3 screws from Main Bracket and Spine frame
(3) Remove 2 screws from Top Vesa Bracket
(4) Remove 2 screws from G Board Support
(5) Remove 2 screws from G Board Frame
(6) Remove 2 screws from Center Frame
(7) Remove 10 screws from Spine Frames
(8) Remove 4 screws from both Bottom Vesa Brackets
(9) Remove 4 screws from Bottom Bracket
(10) Remove 1 screw from Bottom Bracket



1-8 SPEAKERS, UNDER BAR, H4 BOARD AND LIGHT GUIDE REMOVAL

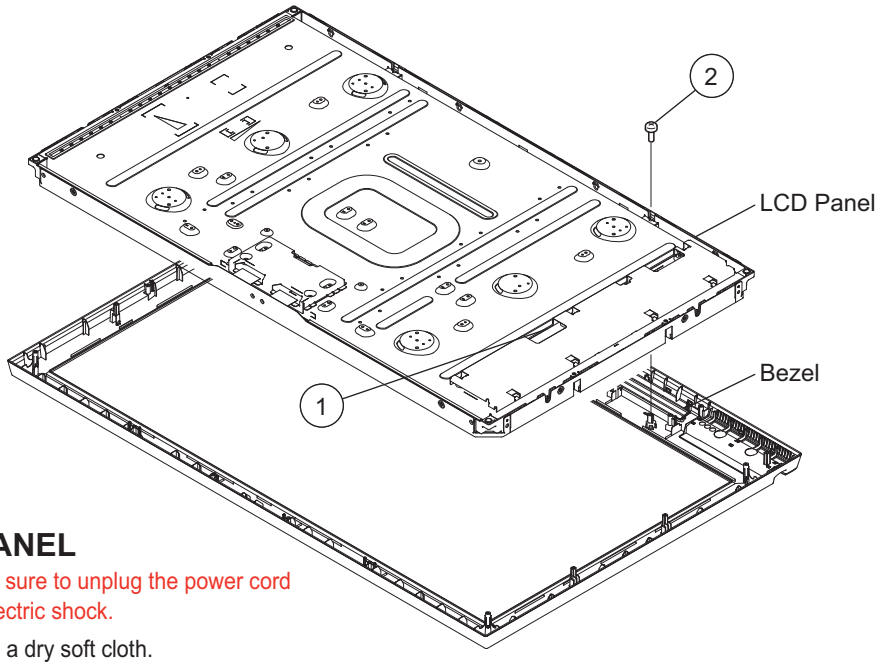
1. Slide out Speaker (L) unit from Bezel
2. Slide out Speaker (R) unit from Bezel
3. Remove 2 screws from Under Bar
4. Disconnect 1 connector and Slide out H3E Board from Clear Panel
5. Release hooks and remove from Bezel
6. Remove 1 screw and release hooks from Clear Panel
7. Disconnect 1 connector and Slide out H4 Board from Light Guide



1-9. LCD PANEL REMOVAL

NOTE: The LVDS cable can only be installed one way. There is colored tape on the cable to determine which side is attached to the TCON and which side is attached to the BU Board. Refer to Wire Dressing Illustration on Page 32.

1. Disconnect 2 connectors
2. Remove 2 screws



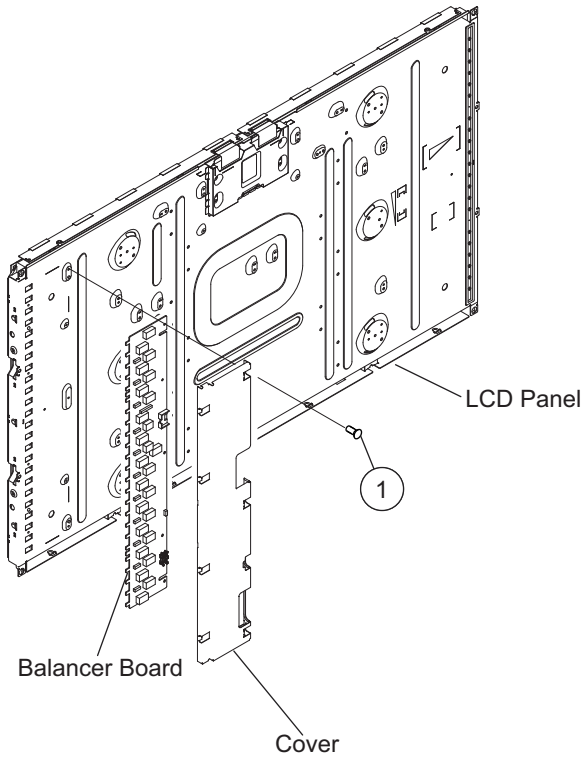
☛1-9-1. CLEANING THE LCD PANEL

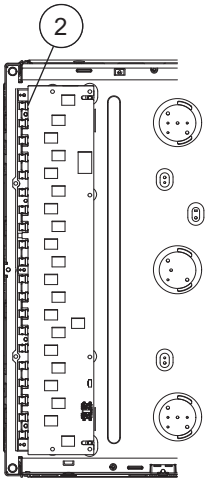
CAUTION: When cleaning the TV, be sure to unplug the power cord to avoid any chance of electric shock.

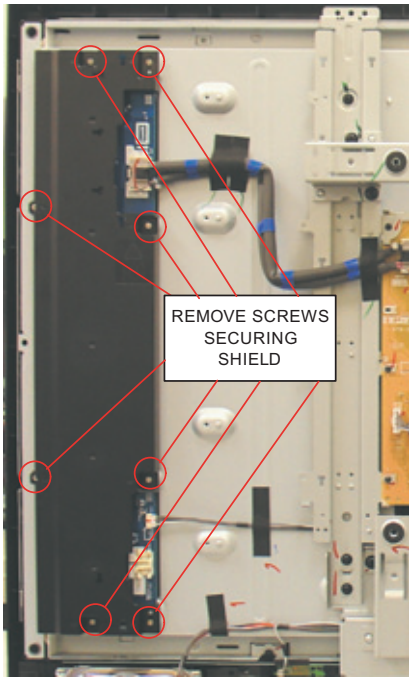
1. Clean the cabinet of the TV with a dry soft cloth.
2. Wipe the LCD screen gently with a soft cloth.
   - → Stubborn stains may be removed with a cloth slightly moistened with a solution of mild soap and warm water.
   - → If using a chemically pretreated cloth, please follow the instruction provided on the package.
   - → Never use strong solvents such as a thinner, alcohol or benzine for cleaning.
   - → Periodic vacuuming of the ventilation openings is recommended to ensure to proper ventilation.

1-10. BALANCER (ETC-INVERTER MT) BOARD REMOVAL

1. Remove 7 screws
2. Pull out the board from Lamp Socket



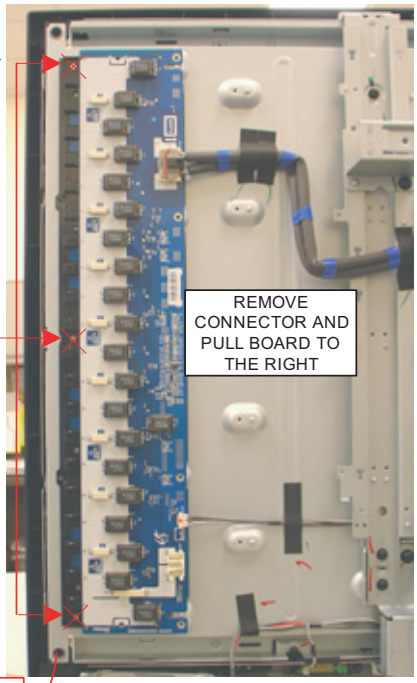


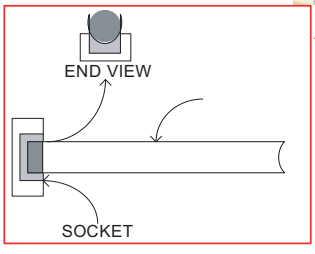


SHIELD REMOVAL

WARNING!

NEVER REMOVE THE SCREWS SECURING THE PLASTIC STRIP HOLDING THE LAMP SOCKETS DAMAGE TO THE BACKLIGHT TUBES WILL OCCUR!



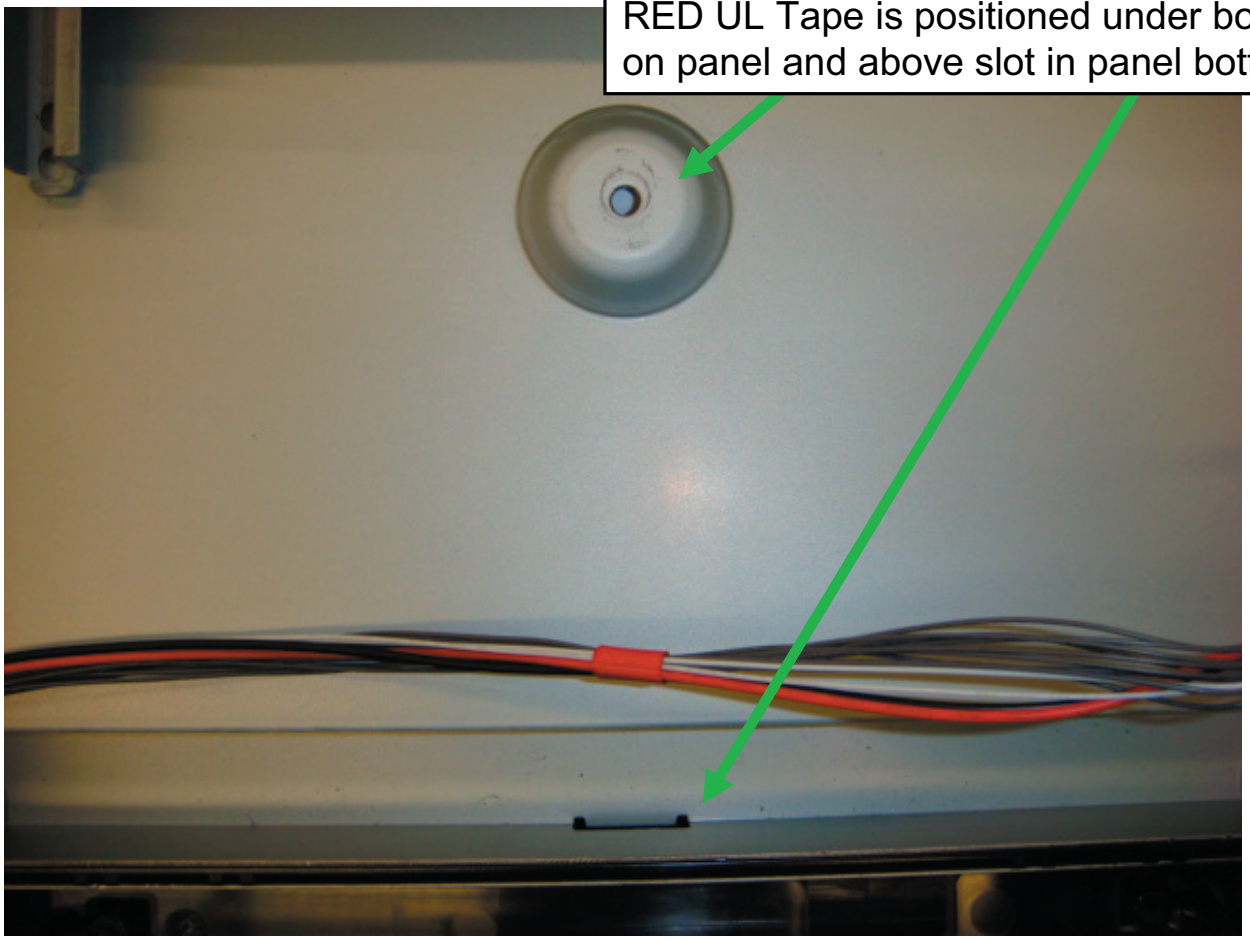


BALANCER (ETC-INVERTER) BOARD REMOVAL

Only remove the screws securing the inverter cover which may be metal or plastic. The remaining plastic strip contains sockets for the fluorescent backlights and should never be loosened. The backlights will pop out of the sockets and/or break the backlight requiring a LCD panel replacement.

WIRE DRESSING

H Board/Speaker Harness



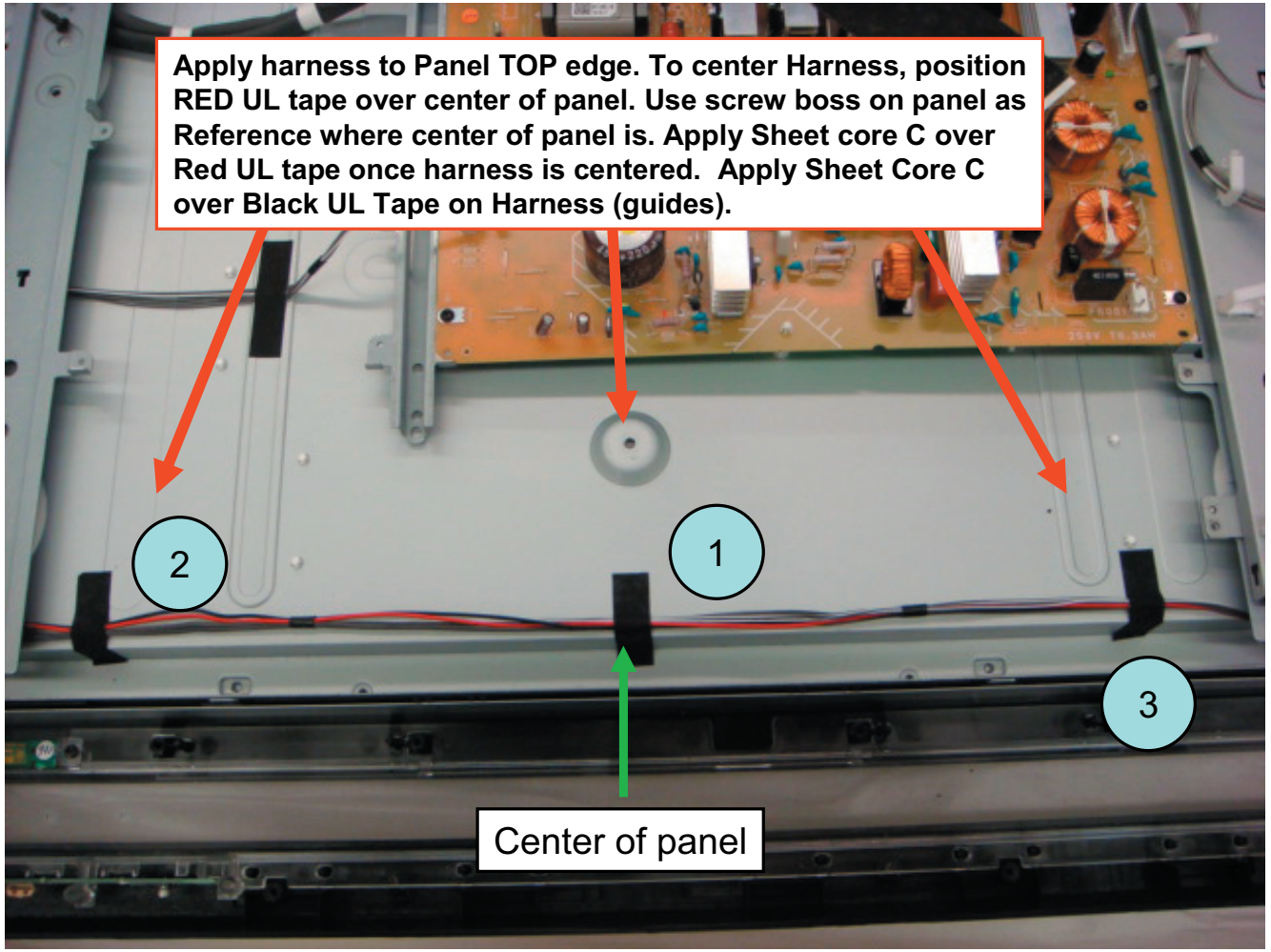
LEGEND

- SHEET CORE C (2-688-011-01 or equivl.) QTY=8
- LCD TAPE (2-688-062-01 or equivl.) QTY=5
- SLIDE CLAMP (2-650-770-11) QTY=7
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

LEGEND

- SHEET CORE C (2-688-011-01 or equivl.) QTY=8
- LCD TAPE (2-688-062-01 or equivl.) QTY=5
- SLIDE CLAMP (2-650-770-11) QTY=7
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

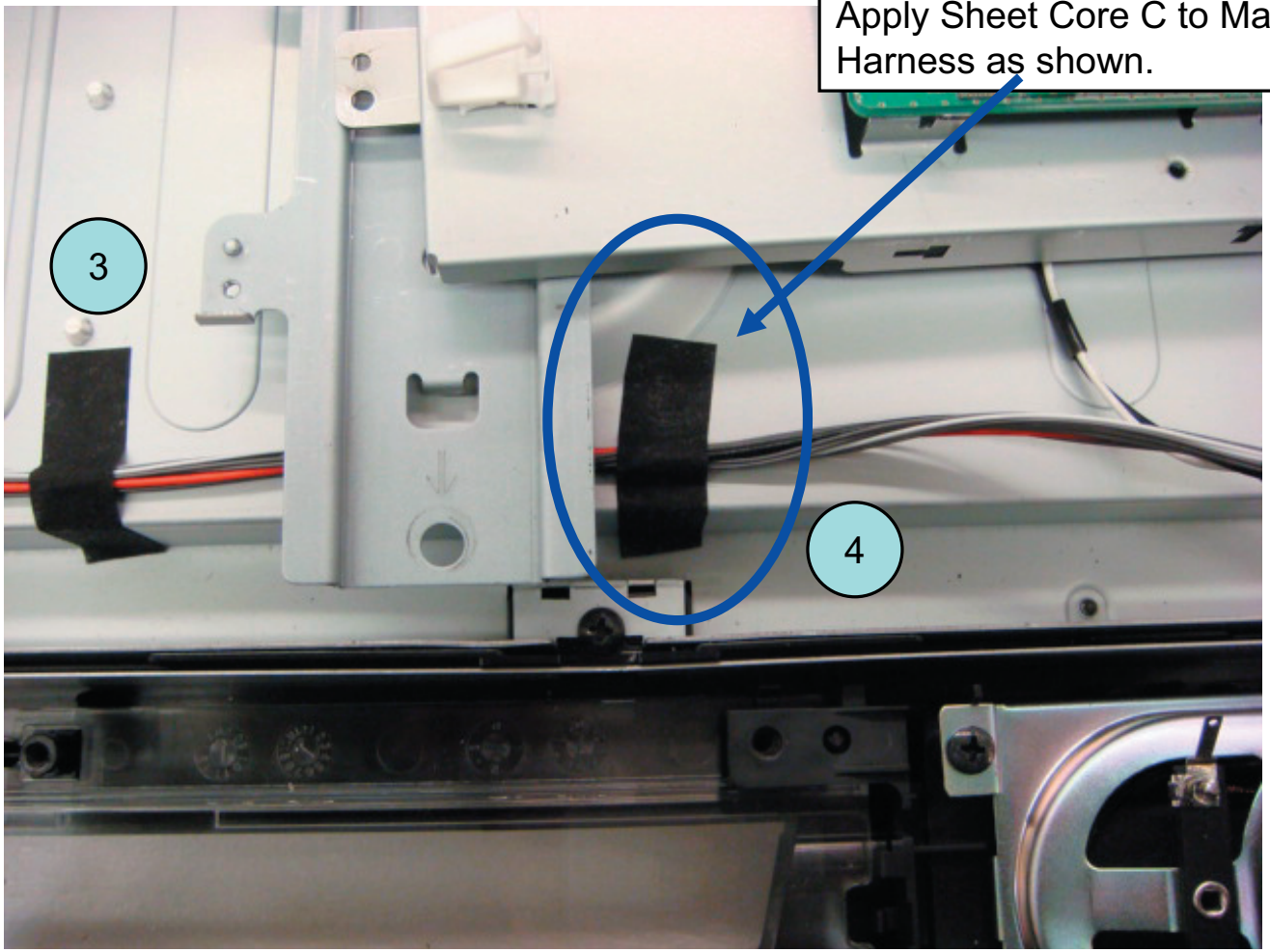
H Board/Speaker Harness


Apply harness to Panel TOP edge. To center Harness, position RED UL tape over center of panel. Use screw boss on panel as Reference where center of panel is. Apply Sheet core C over Red UL tape once harness is centered. Apply Sheet Core C over Black UL Tape on Harness (guides).
2
1
3
Center of panel

LEGEND

- SHEET CORE C (2-688-011-01 or equivl.) QTY=8
- LCD TAPE (2-688-062-01 or equivl.) QTY=5
- SLIDE CLAMP (2-650-770-11) QTY=7
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

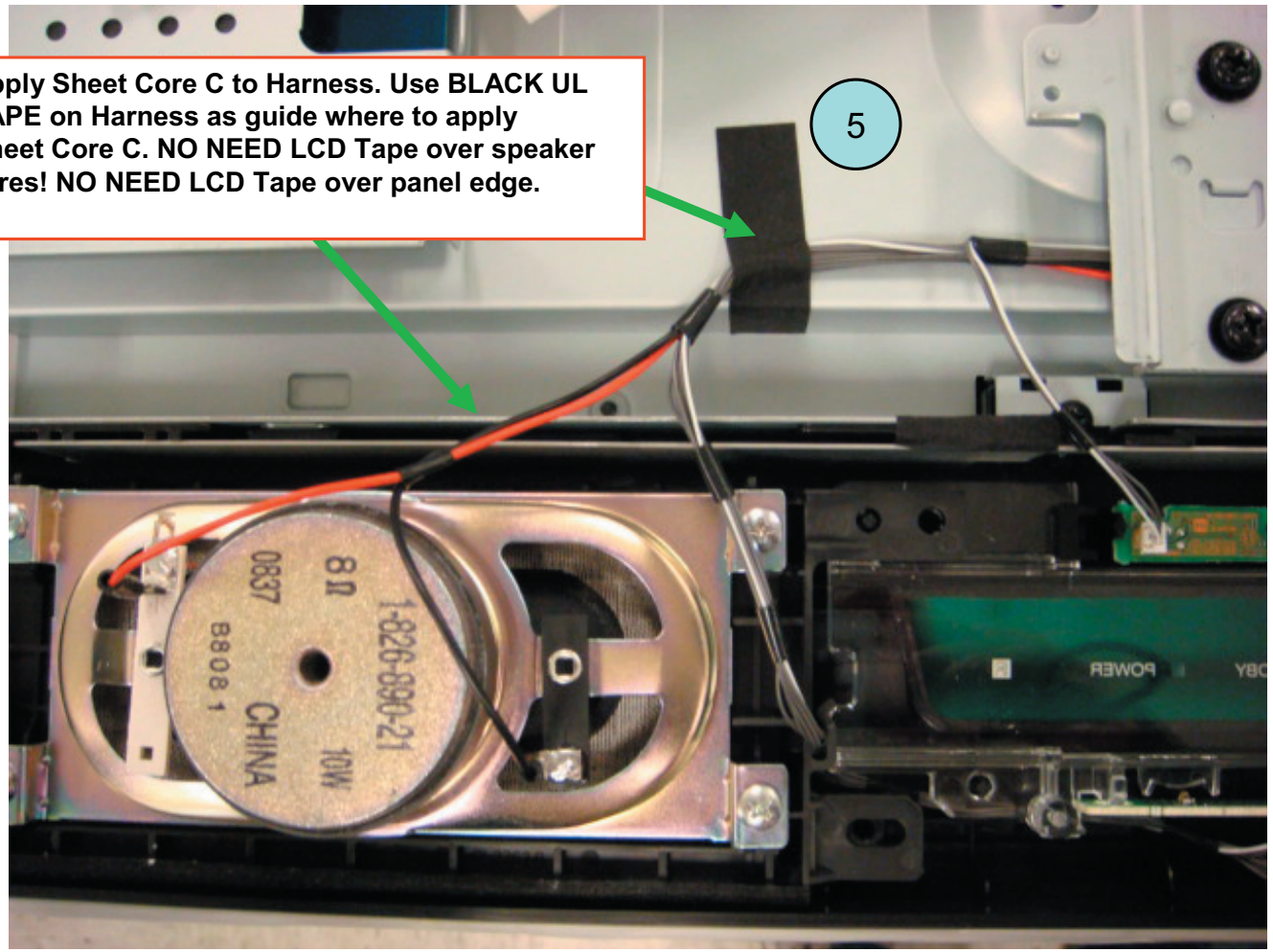
H Board/Speaker Harness: Continued



LEGEND

- SHEET CORE C (2-688-011-01 or equivl.) QTY=8
- LCD TAPE (2-688-062-01 or equivl.) QTY=5
- SLIDE CLAMP (2-650-770-11) QTY=7
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

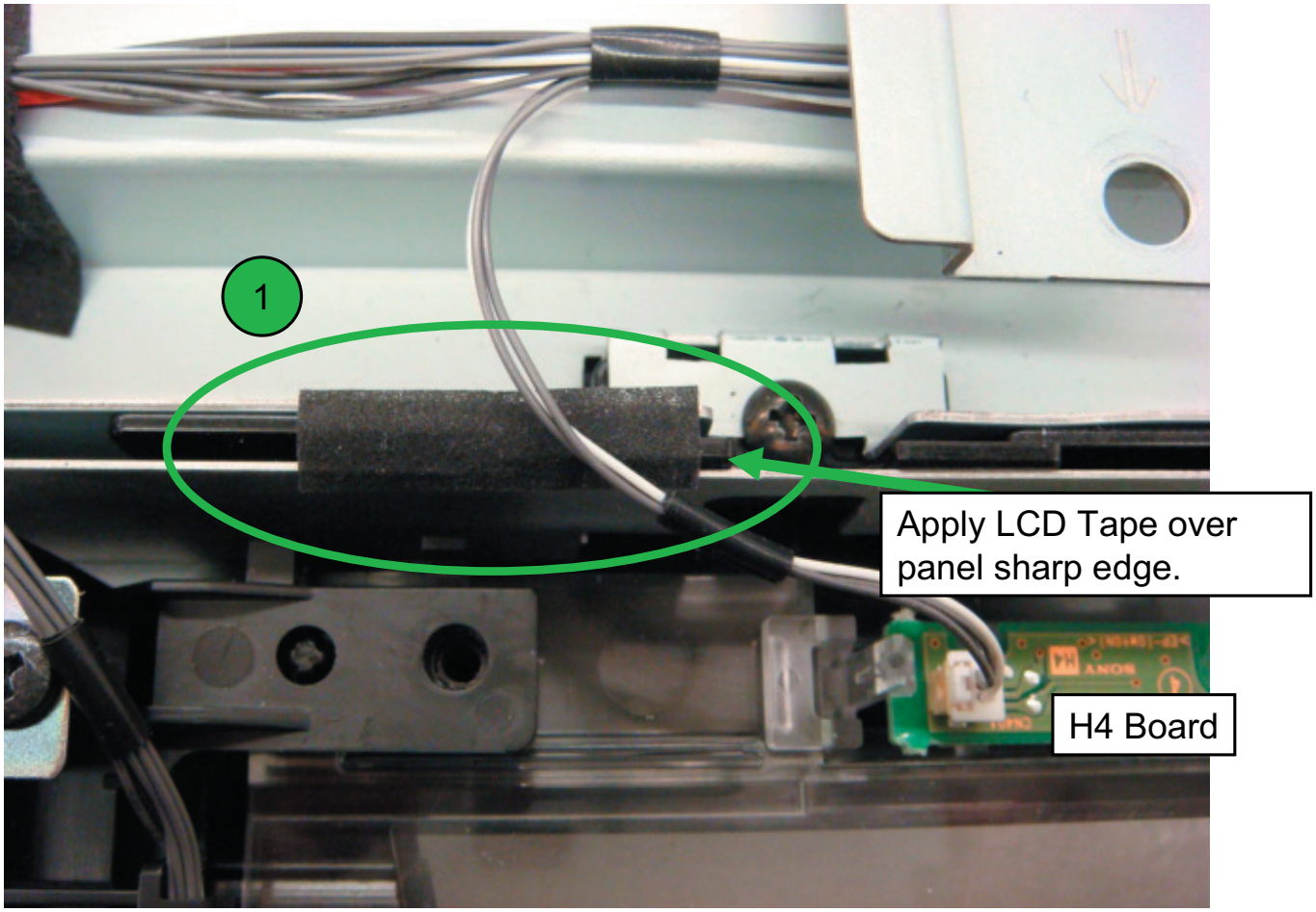
Combination H Board/Speaker Harness


Apply Sheet Core C to Harness. Use BLACK UL TAPE on Harness as guide where to apply Sheet Core C. NO NEED LCD Tape over speaker wires! NO NEED LCD Tape over panel edge.
5
8Ω
0837
1-826-890-21
10W
CHINA
POWER

LEGEND

- SHEET CORE C (2-688-011-01 or equivl.) QTY=8
- LCD TAPE (2-688-062-01 or equivl.) QTY=5
- SLIDE CLAMP (2-650-770-11) QTY=7
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

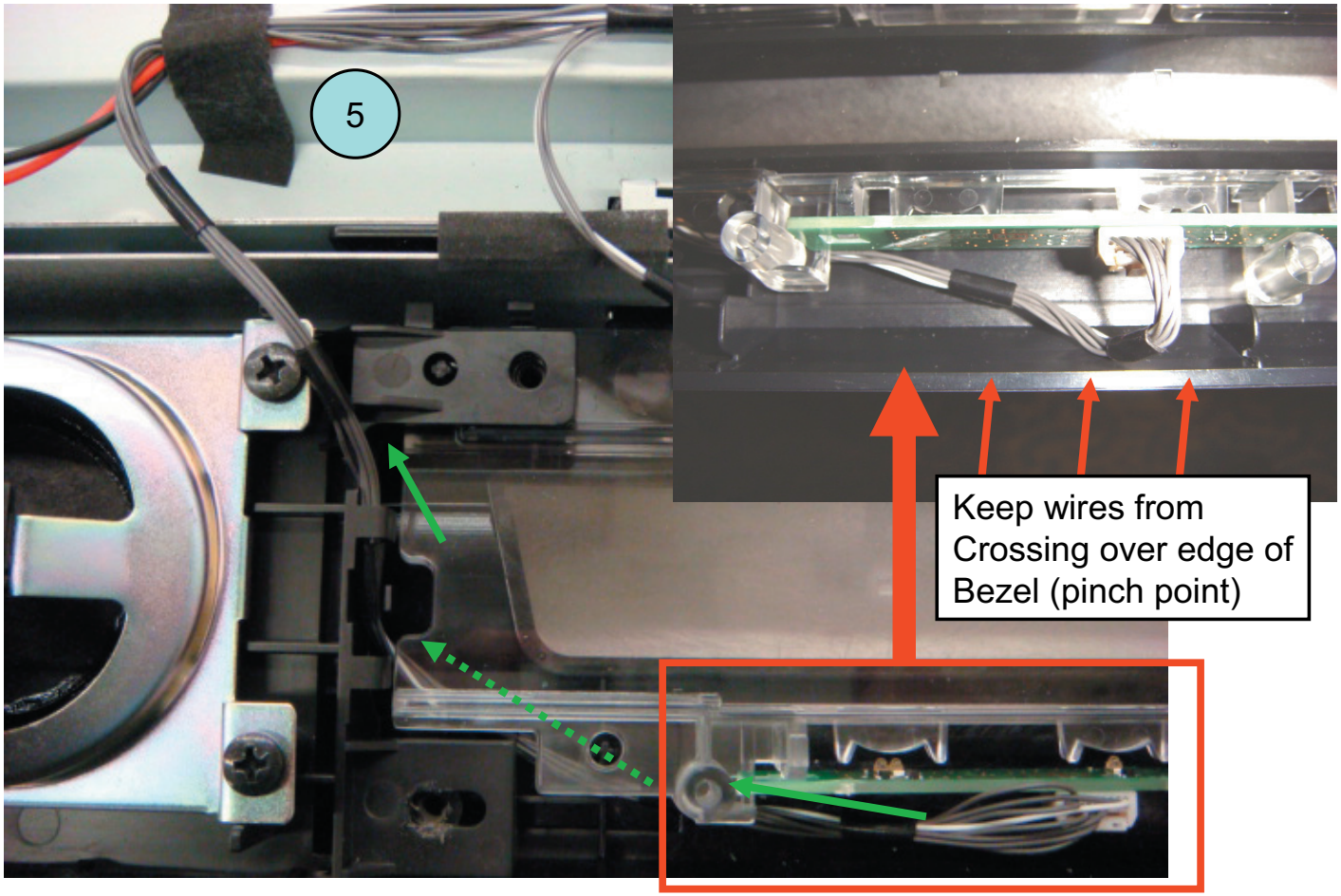
Combination H Board/Speaker Harness: Attach H3/H4 Conn.



LEGEND

- SHEET CORE C (2-688-011-01 or equivl.) QTY=8
- LCD TAPE (2-688-062-01 or equivl.) QTY=5
- SLIDE CLAMP (2-650-770-11) QTY=7
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

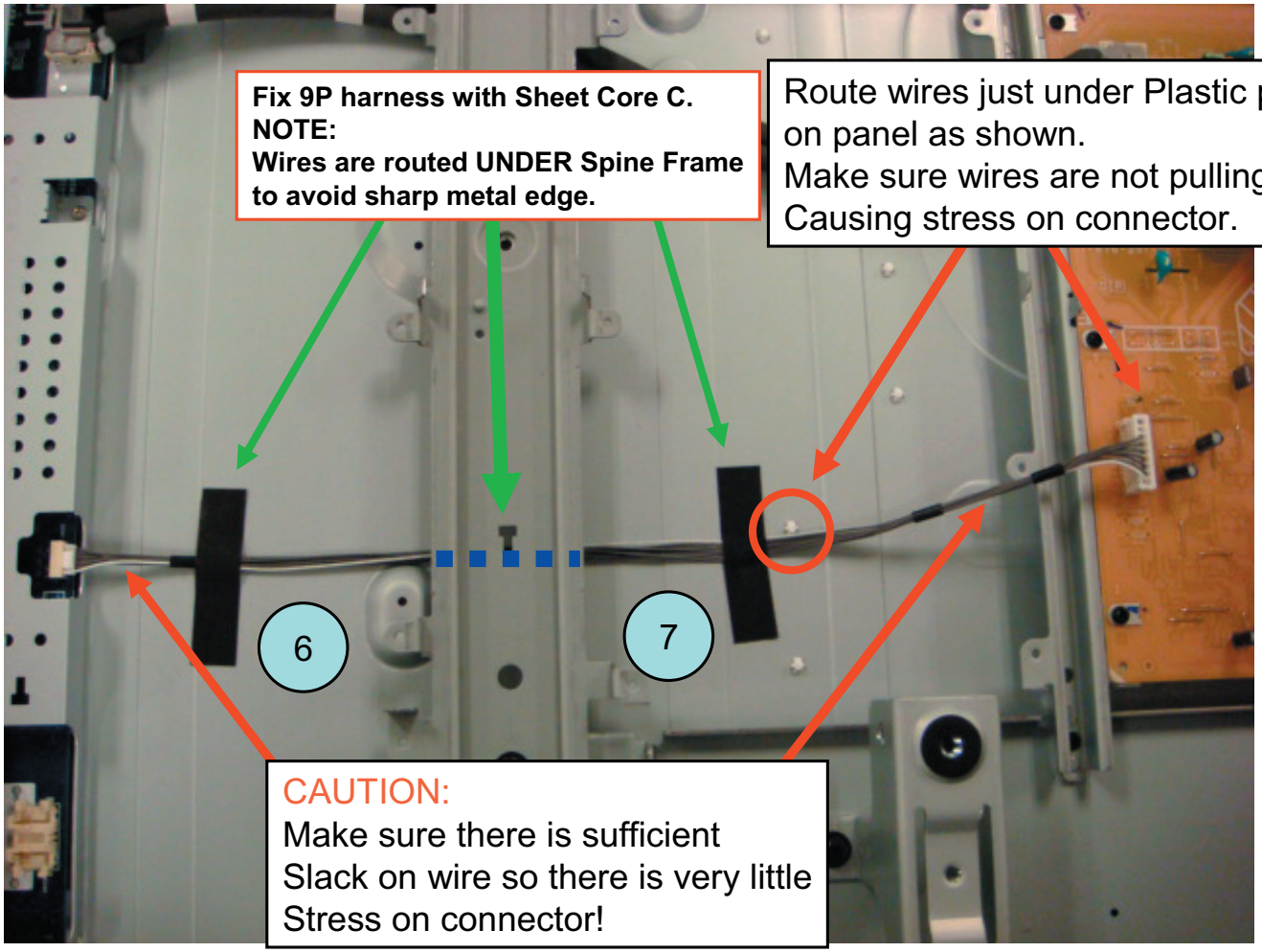
Combination H Board/Speaker Harness: H3 Board routing



LEGEND

- SHEET CORE C (2-688-011-01 or equivl.) QTY=8
- LCD TAPE (2-688-062-01 or equivl.) QTY=5
- SLIDE CLAMP (2-650-770-11) QTY=7
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

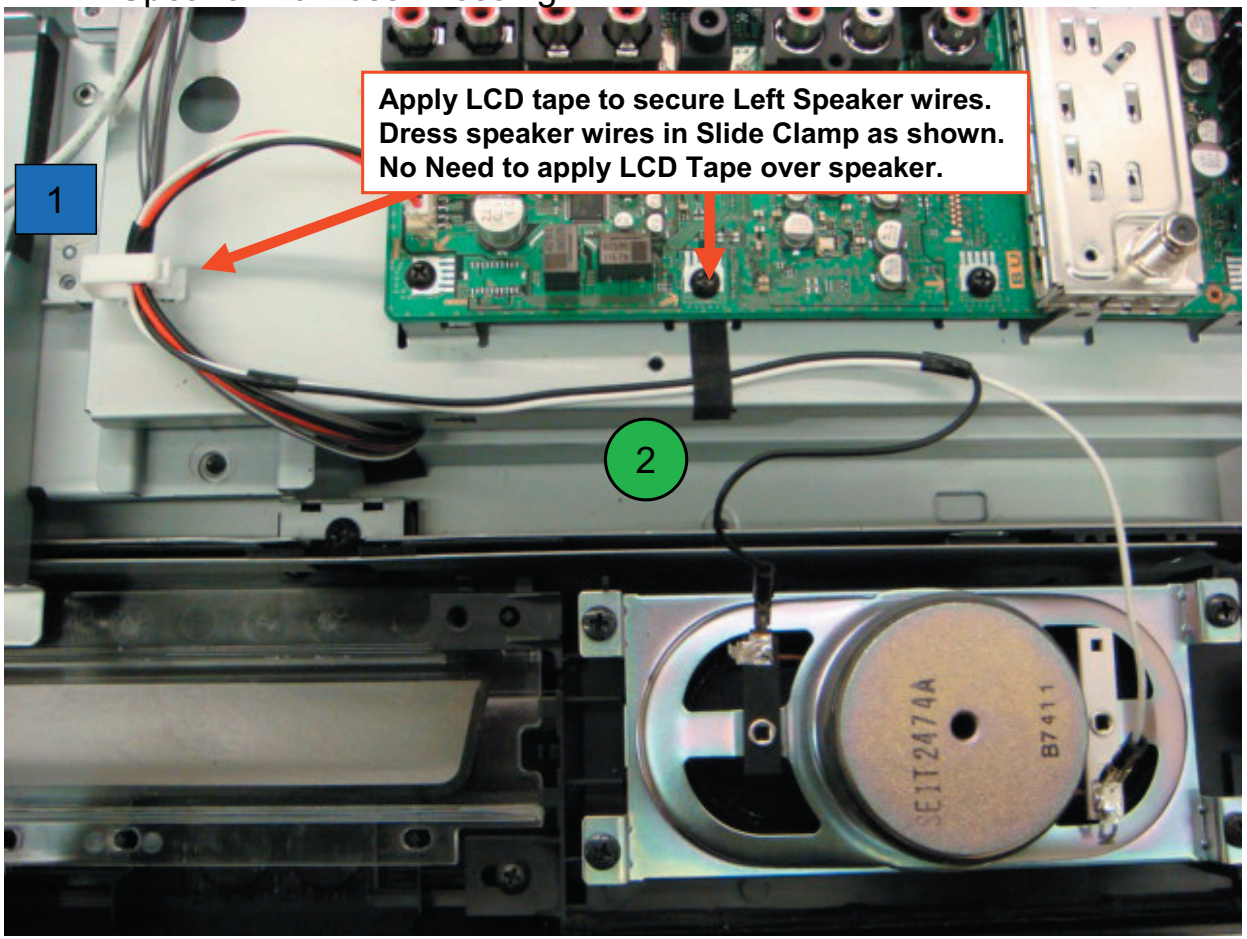
Balancer Board Cable Routing


Fix 9P harness with Sheet Core C.
NOTE:
Wires are routed UNDER Spine Frame to avoid sharp metal edge.
Route wires just under Plastic peg on panel as shown.
Make sure wires are not pulling or Causing stress on connector.
6
7
CAUTION:
Make sure there is sufficient Slack on wire so there is very little Stress on connector!

LEGEND

- SHEET CORE C (2-688-011-01 or equivl.) QTY=8
- LCD TAPE (2-688-062-01 or equivl.) QTY=5
- SLIDE CLAMP (2-650-770-11) QTY=7
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

LEFT Speaker Harness Dressing

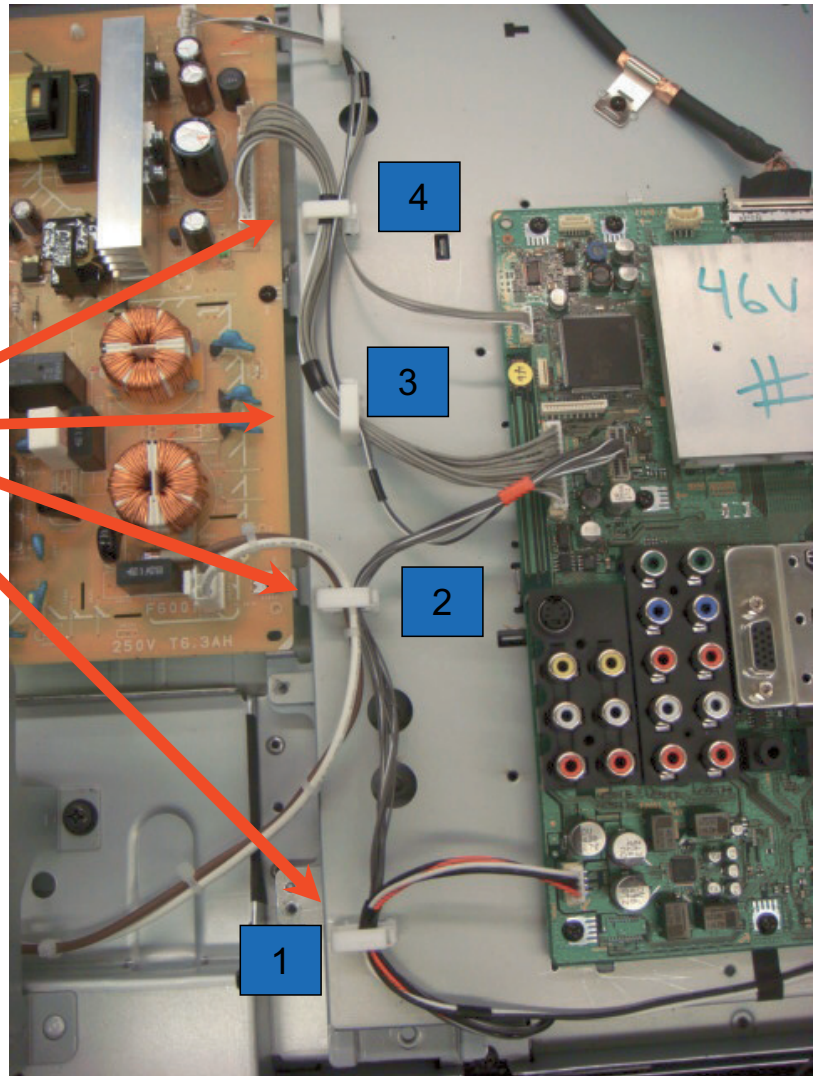

Apply LCD tape to secure Left Speaker wires.
Dress speaker wires in Slide Clamp as shown.
No Need to apply LCD Tape over speaker.
1
2

LEGEND

- SHEET CORE C (2-688-011-01 or equivl.) QTY=8
- LCD TAPE (2-688-062-01 or equivl.) QTY=5
- SLIDE CLAMP (2-650-770-11) QTY=7
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

BU Board Support Bracket

Dress harness in slide clamps as shown (4 places).

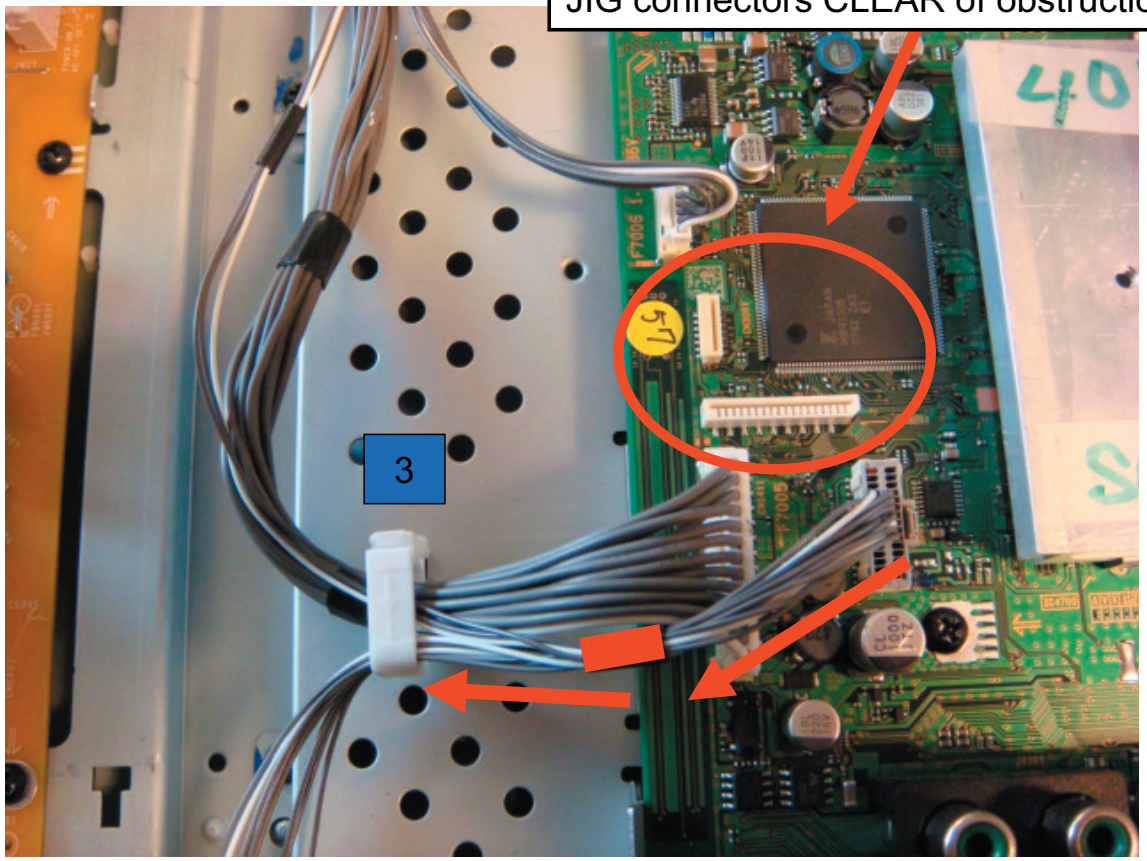


LEGEND

- SHEET CORE C (2-688-011-01 or equivl.) QTY=8
- LCD TAPE (2-688-062-01 or equivl.) QTY=5
- SLIDE CLAMP (2-650-770-11) QTY=7
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

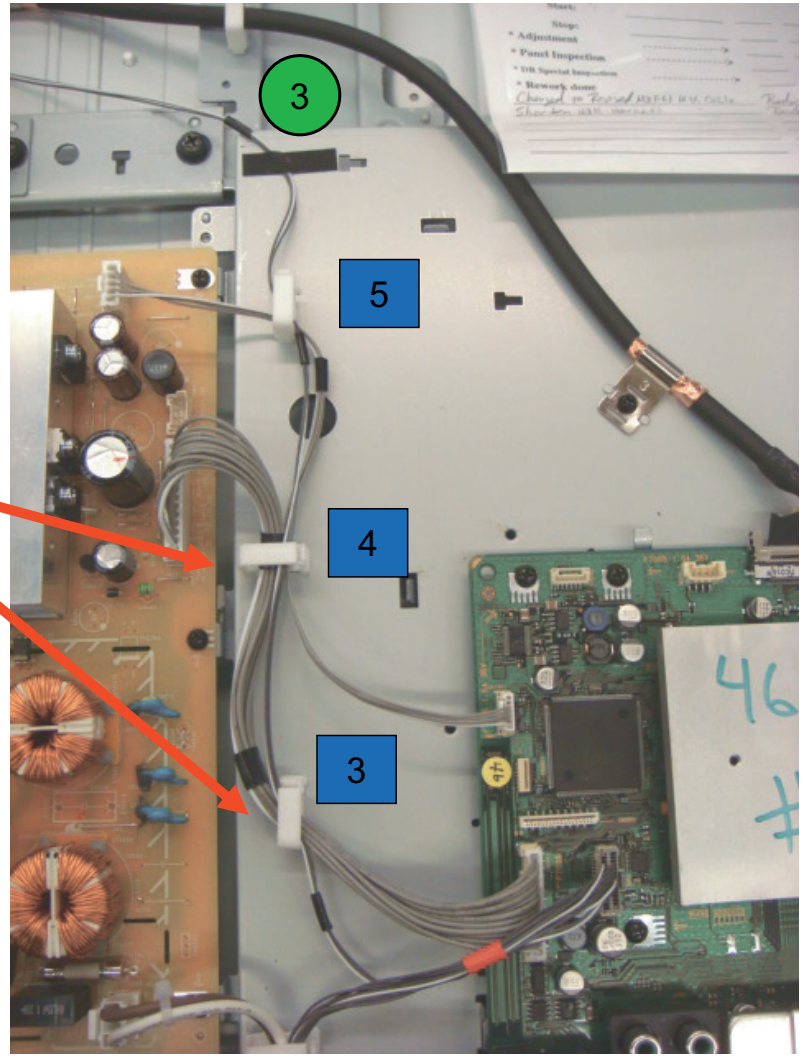
BU Board Support Bracket (Continued) CAUTION

CAUTION:
Dress 30P Harness as shown to keep JIG connectors CLEAR of obstructions.



13P Conn Assy Routing

Dress 13P Conn Assy in Slide Clamps as shown (2 Places).



LEGEND

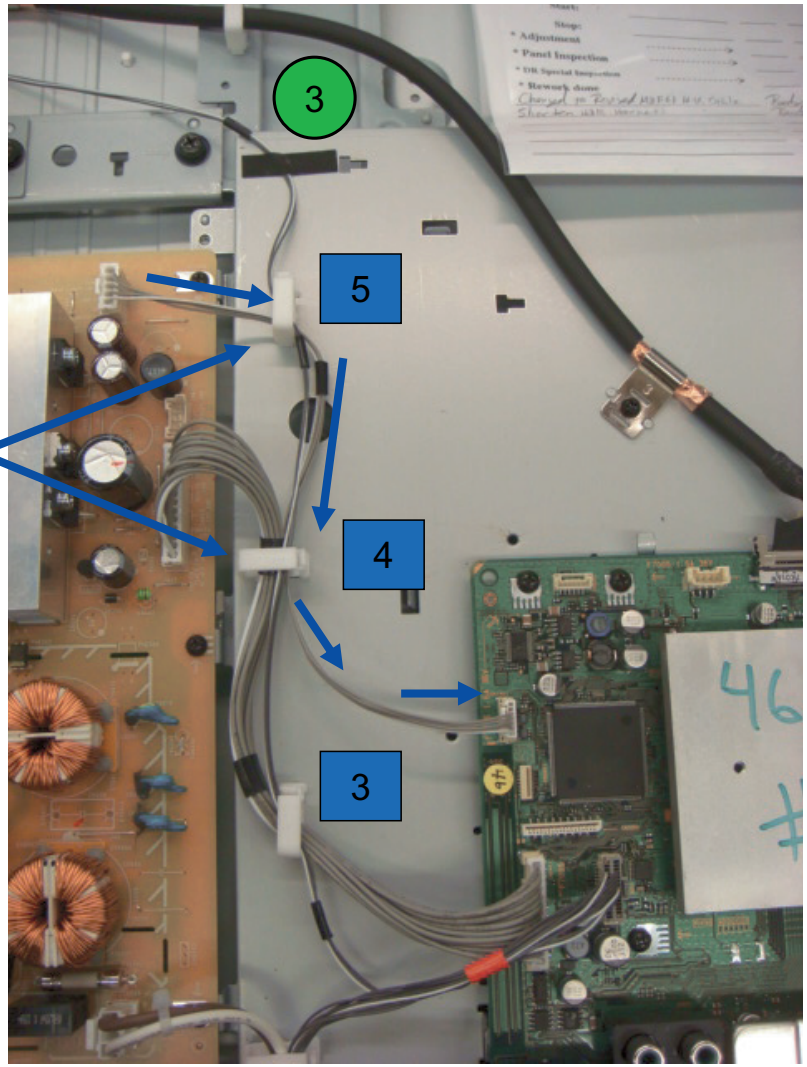
- SHEET CORE C (2-688-011-01 or equivl.) QTY=8
- LCD TAPE (2-688-062-01 or equivl.) QTY=5
- SLIDE CLAMP (2-650-770-11) QTY=7
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

LEGEND

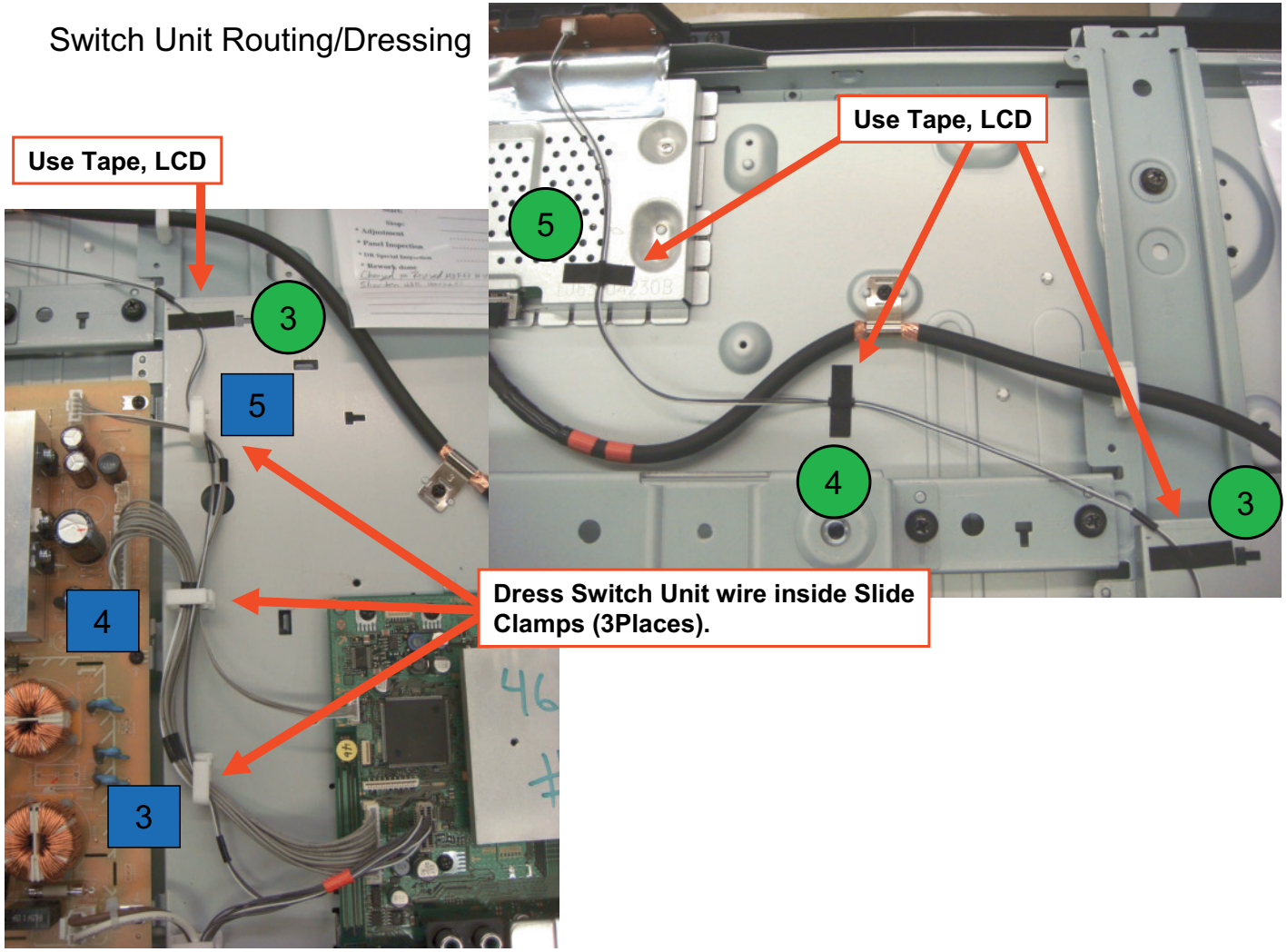
- SHEET CORE C (2-688-011-01 or equivl.) QTY=8
- LCD TAPE (2-688-062-01 or equivl.) QTY=5
- SLIDE CLAMP (2-650-770-11) QTY=7
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

5P Conn Assy Routing

Dress 5P Conn Assy in Slide Clamps as shown (2 Places).



Switch Unit Routing/Dressing



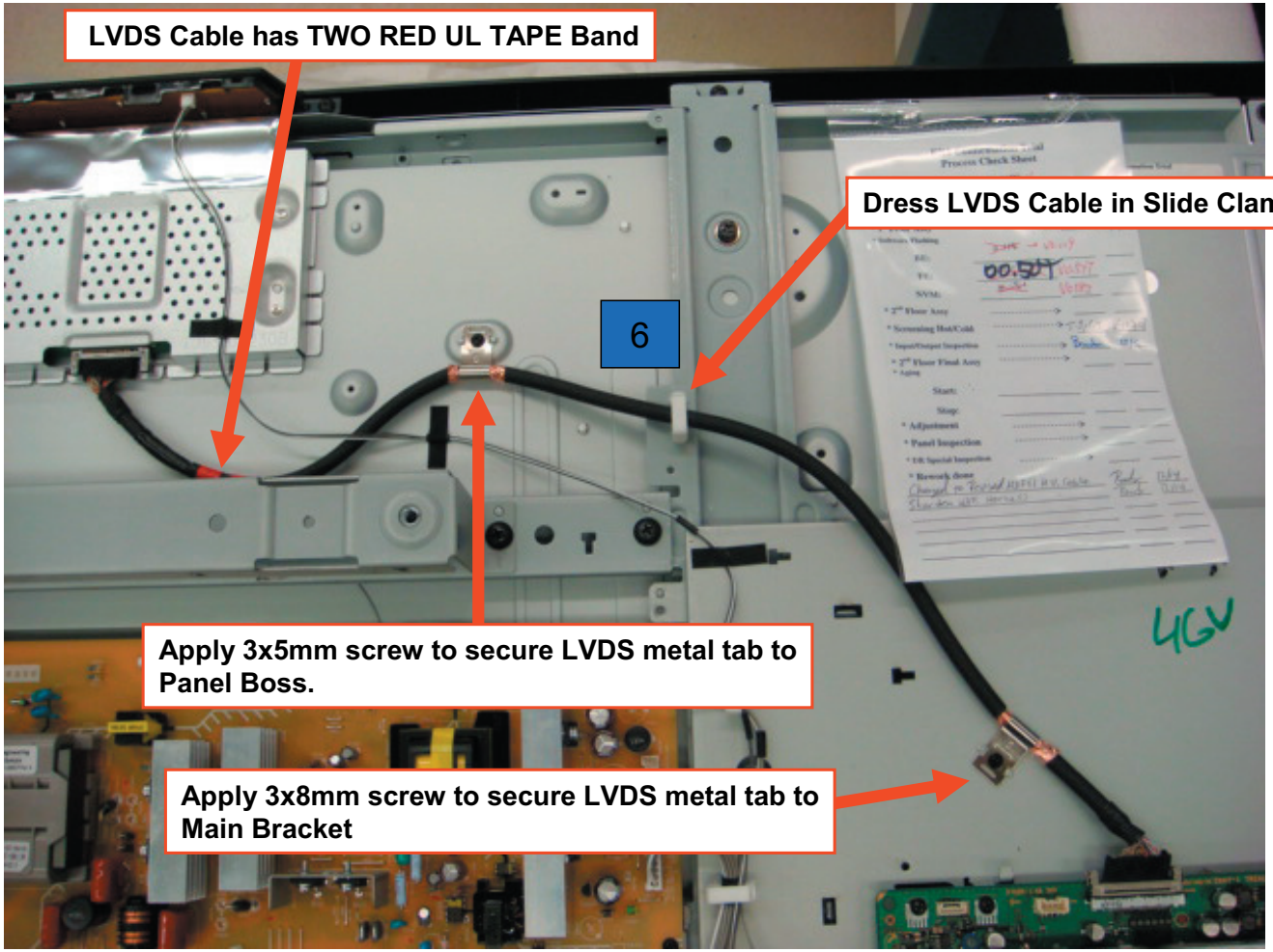
LEGEND

- SHEET CORE C (2-688-011-01 or equivl.) QTY=8
- LCD TAPE (2-688-062-01 or equivl.) QTY=5
- SLIDE CLAMP (2-650-770-11) QTY=7
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

LEGEND

- SHEET CORE C (2-688-011-01 or equivl.) QTY=8
- LCD TAPE (2-688-062-01 or equivl.) QTY=5
- SLIDE CLAMP (2-650-770-11) QTY=7
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

LVDS Cable Routing

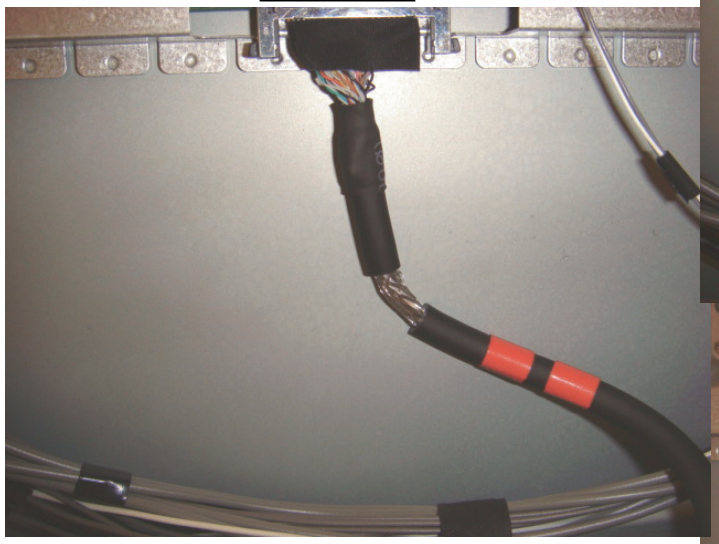

LVDS Cable has TWO RED UL TAPE Band
Dress LVDS Cable in Slide Clamp
6
Apply 3x5mm screw to secure LVDS metal tab to Panel Boss.
Apply 3x8mm screw to secure LVDS metal tab to Main Bracket

LVDS Cable Routing
(Continued)

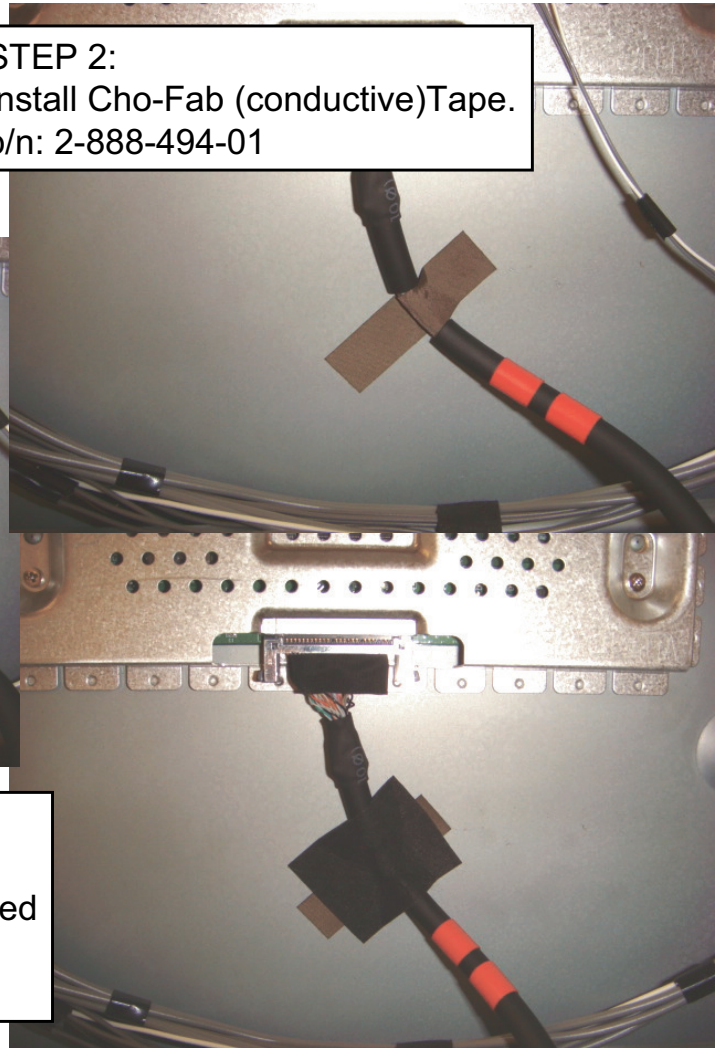
LEGEND

- SHEET CORE C (2-688-011-01 or equivl.) QTY=8
- LCD TAPE (2-688-062-01 or equivl.) QTY=5
- SLIDE CLAMP (2-650-770-11) QTY=7
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

STEP 1



STEP 2:
Install Cho-Fab (conductive)Tape.
p/n: 2-888-494-01



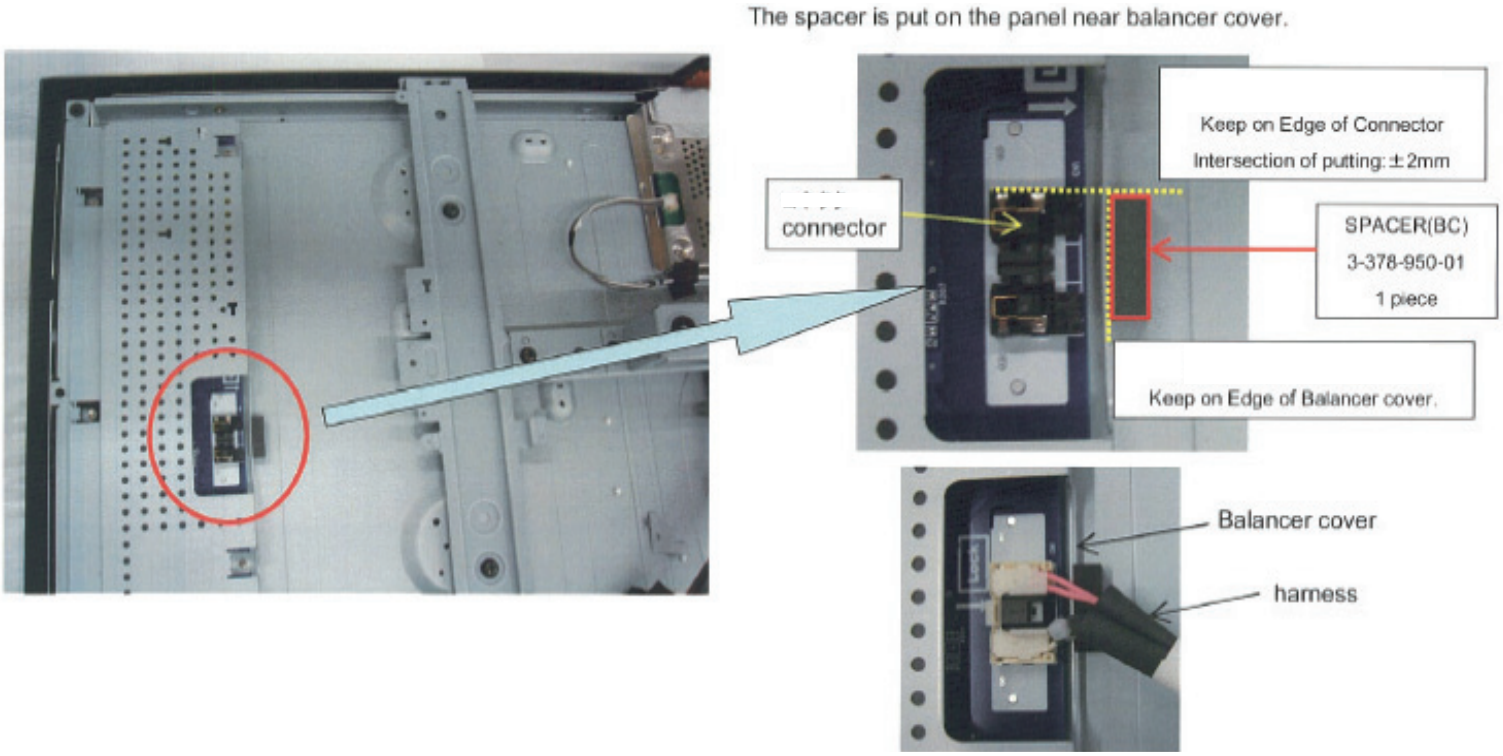
STEP 3:
Install Himelon Tape OVER Cho-Fab tape. Make sure himelon is firmly placed Over Cho-Fab Tape.
p/n: 2-661-260-01

LEGEND

- SHEET CORE C (2-688-011-01 or equivl.) QTY=8
- LCD TAPE (2-688-062-01 or equivl.) QTY=5
- SLIDE CLAMP (2-650-770-11) QTY=7
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

High Voltage MDF61

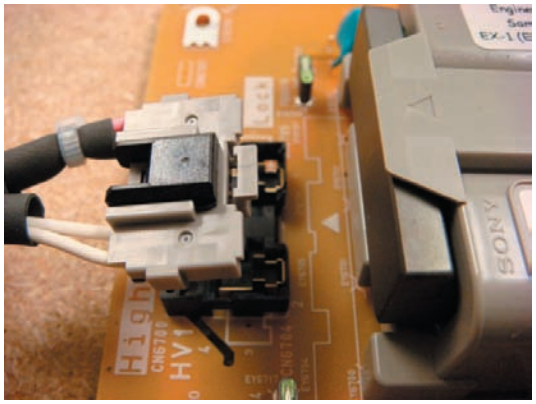
NOTE: The SPACER applies to 1-802-650-11 Panel ONLY
(The spacer is not needed when the panel suffix change to -12)



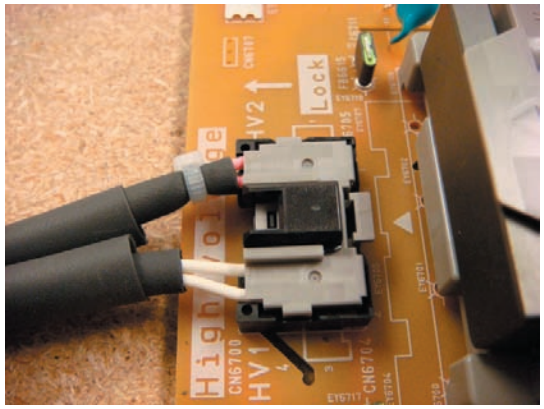
LEGEND

- SHEET CORE C (2-688-011-01 or equivl.) QTY=8
- LCD TAPE (2-688-062-01 or equivl.) QTY=5
- SLIDE CLAMP (2-650-770-11) QTY=7
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

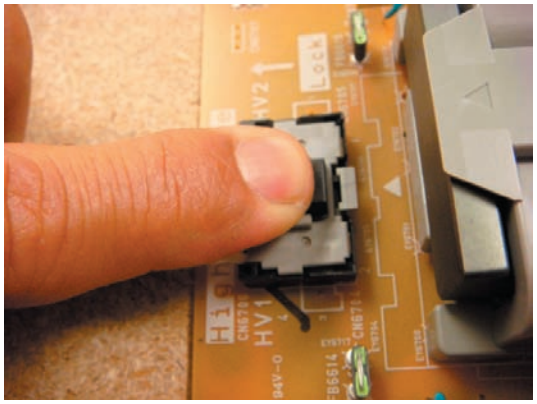
INSTALLATION PROCEDURE FOR MDF-61 CONNECTOR



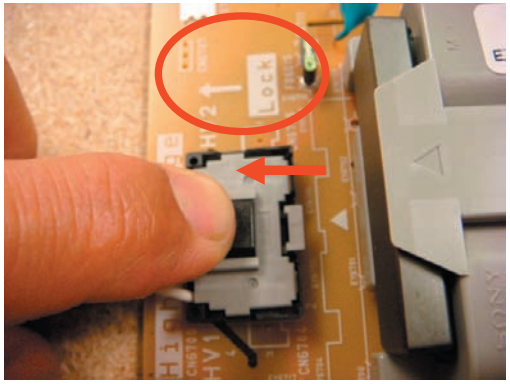
STEP1: ALIGN CONNECTOR



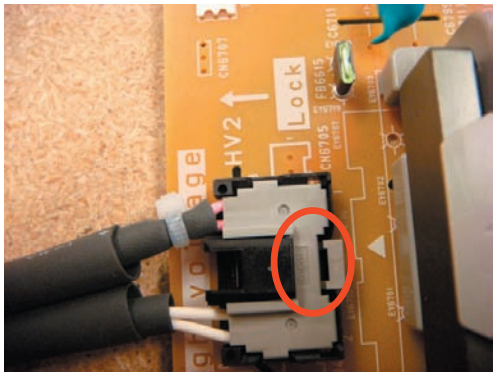
STEP2: INSTALL CONNECTOR



STEP3: PUSH DOWN ON BLACK LOCK TAB TO SEAT CONNECTOR. WHEN CONNECTOR IS SEATED IT WILL “CLICK” INTO PLACE.



STEP4: PULL LOCK BLACK LOCK TAB IN DIRECTION INDICATED ON PWB TO LOCK CONNECTOR.

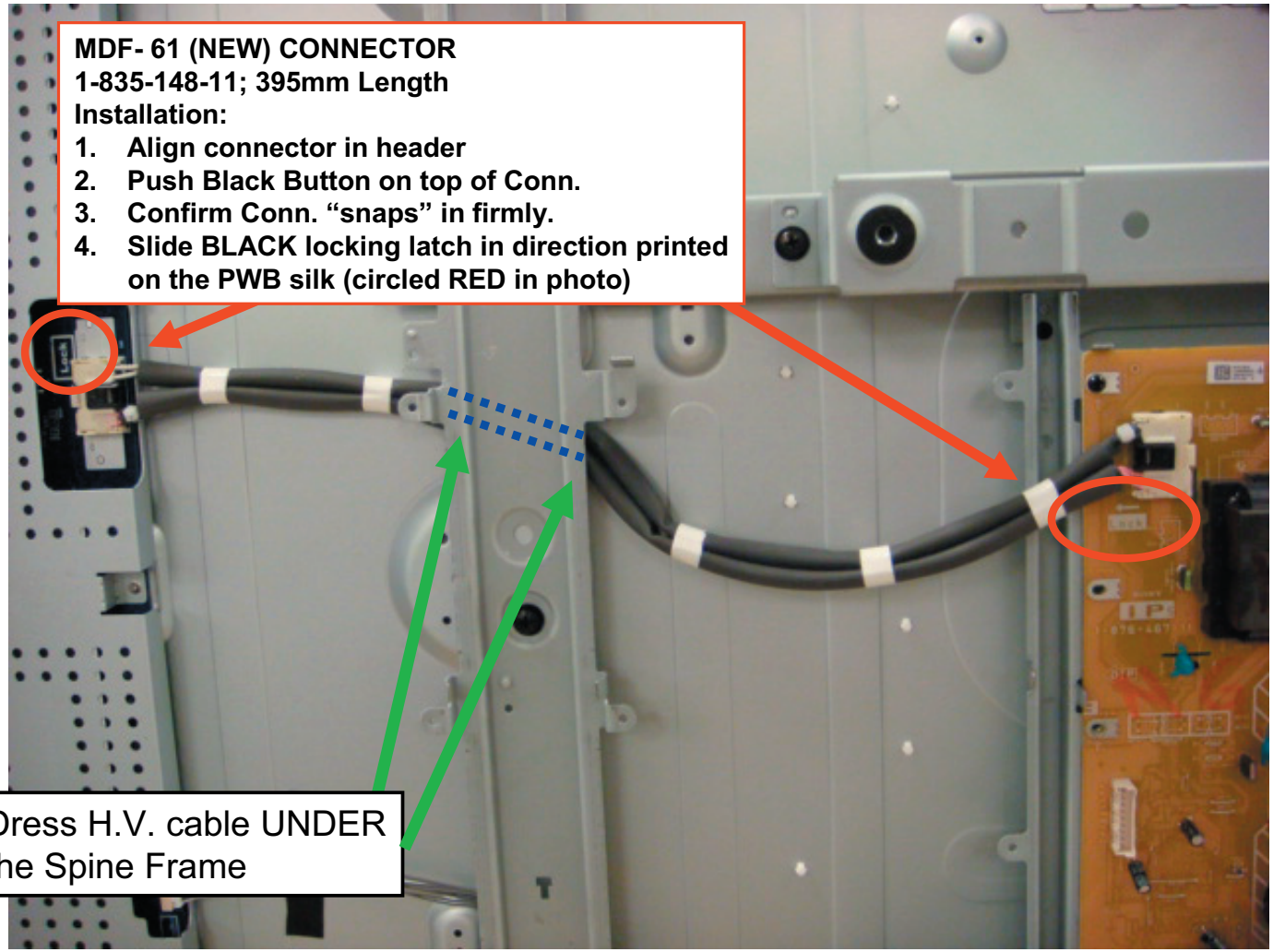


“HRS” LOGO WILL BE VISIBLE WHEN CONNECTOR IS PROPERLY LOCKED.

LEGEND

- SHEET CORE C (2-688-011-01 or equivl.) QTY=8
- LCD TAPE (2-688-062-01 or equivl.) QTY=5
- SLIDE CLAMP (2-650-770-11) QTY=7
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

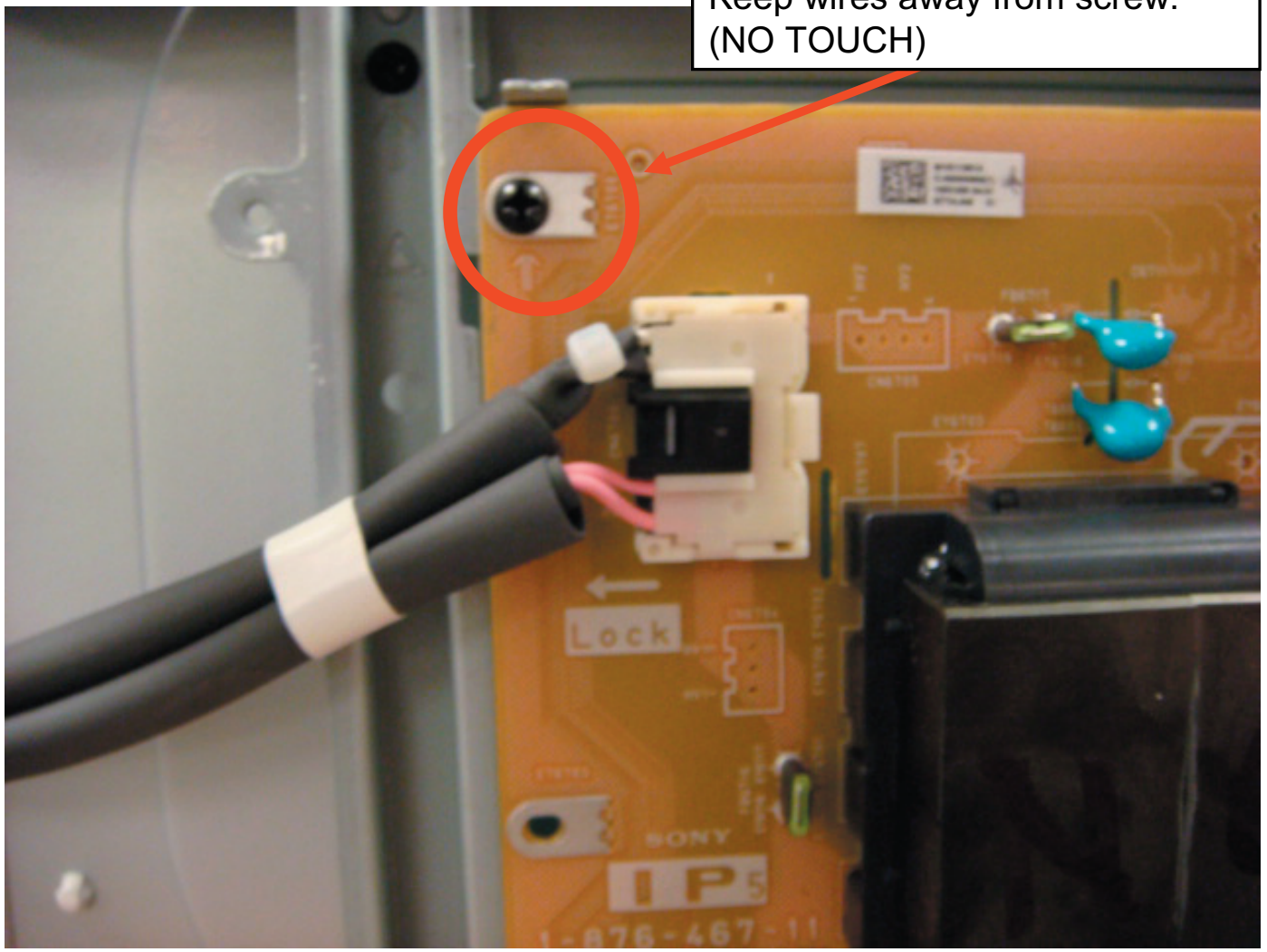
Balancer Board HIGH VOLTAGE Wire Dressing


MDF- 61 (NEW) CONNECTOR
1-835-148-11; 395mm Length
Installation:
1. Align connector in header
2. Push Black Button on top of Conn.
3. Confirm Conn. “snaps” in firmly.
4. Slide BLACK locking latch in direction printed on the PWB silk (circled RED in photo)
Dress H.V. cable UNDER the Spine Frame

LEGEND

- SHEET CORE C (2-688-011-01 or equivl.) QTY=8
- LCD TAPE (2-688-062-01 or equivl.) QTY=5
- SLIDE CLAMP (2-650-770-11) QTY=7
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

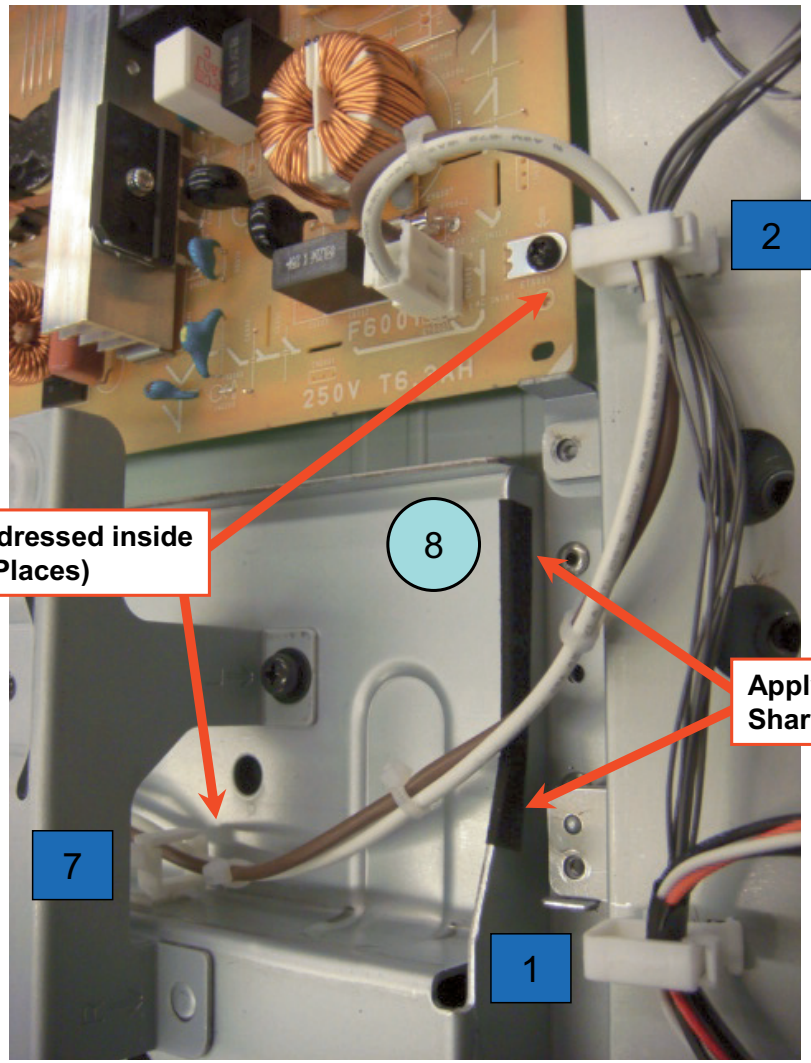
High Voltage MDF61 CAUTION



LEGEND

- SHEET CORE C (2-688-011-01 or equivl.) QTY=8
- LCD TAPE (2-688-062-01 or equivl.) QTY=5
- SLIDE CLAMP (2-650-770-11) QTY=7
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

2P AC Inlet



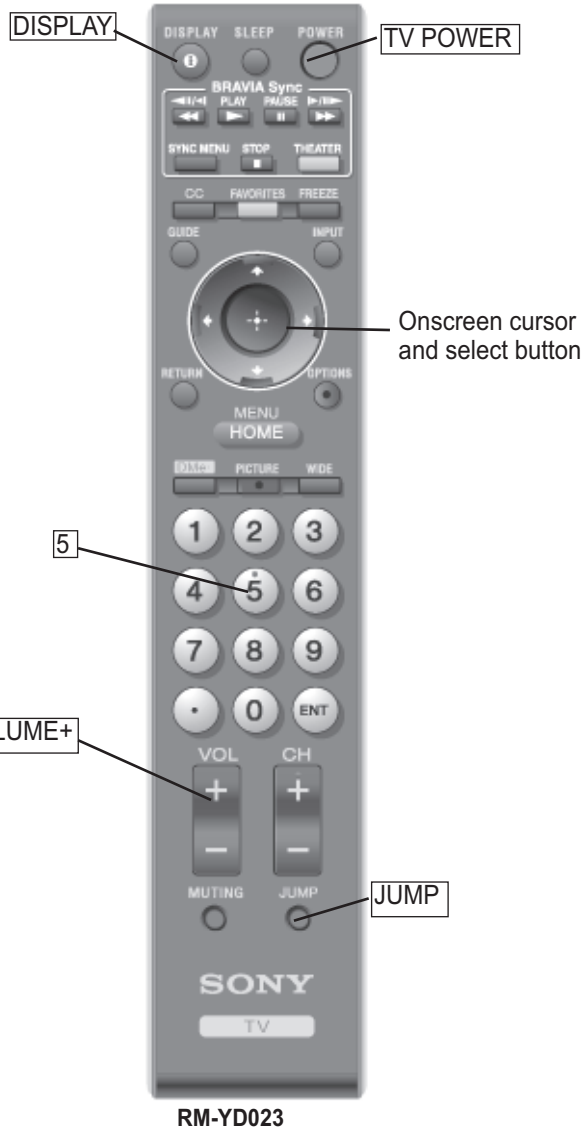
SECTION 2: SERVICE ADJUSTMENTS

2-1. VIEWING SERVICE ADJUSTMENT DATA

There are no adjustments necessary for these models. All data has been set for optimal viewing for our customers. The following sections are for informational purposes only.

2-2. ACCESSING SERVICE ADJUSTMENT MODE

1. TV must be in standby mode. (Power off).
2. Press the following buttons on the Remote Commander within a second of each other:
   DISPLAY ➡ Channel 5 ➡ Volume + ➡ POWER.



RM-YD023

The first service menu (TV) displays.

```
TVLF  CHECK                              SERVICE
001     COLOR ADJ                        00100
001     R_DRV
  DIGITAL PROGRAM : H801.03  0070
          DATA    : S001000
  BE      PROGRAM : TM1.000
          NVM     : TD1.000
          PACK    : TP1.000
          BOOT    : TB1.000
```

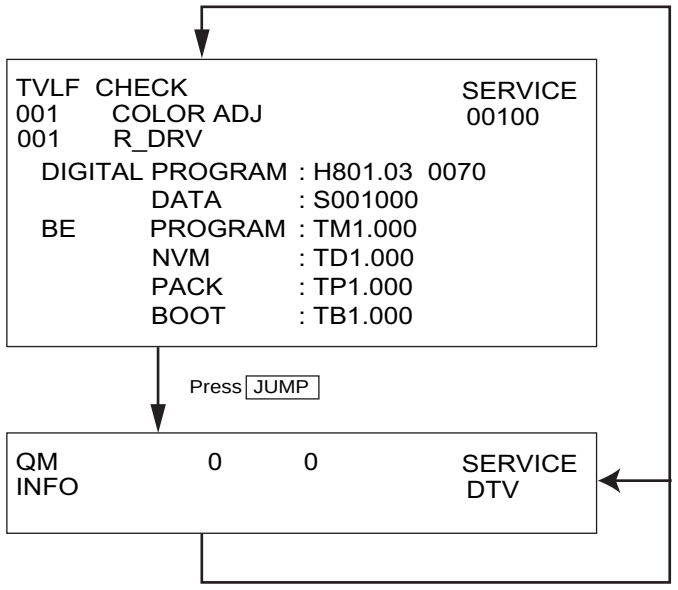
Sample TV Service Menu

2-3. VIEWING THE SERVICE MENUS

Use the Remote Commander to view the BE and Digital service menus options.

1. To display the **Service Menu** that contains the Category you want to adjust, press JUMP on the Remote Commander.
   (For a complete list of the service Categories refer to Service Menus)

   NOTE: If the Service Menu display text is not completely visible, press the Menu HOME button on the Remote Commander to refresh the display.



Sample Service Menus

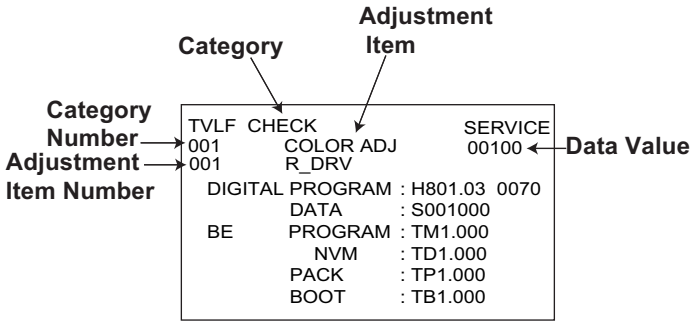
2-4. USING THE REMOTE COMMANDER TO VIEW SERVICE DATA

Use the buttons on the Remote Commander to access the service menu items and adjust the data values.

1. Access Service Mode.

   Press the following buttons on the Remote Commander within a second of each other:

   DISPLAY ➡ Channel 5 ➡ Volume + ➡ POWER.



The screen displays the first category in the selected service menu.

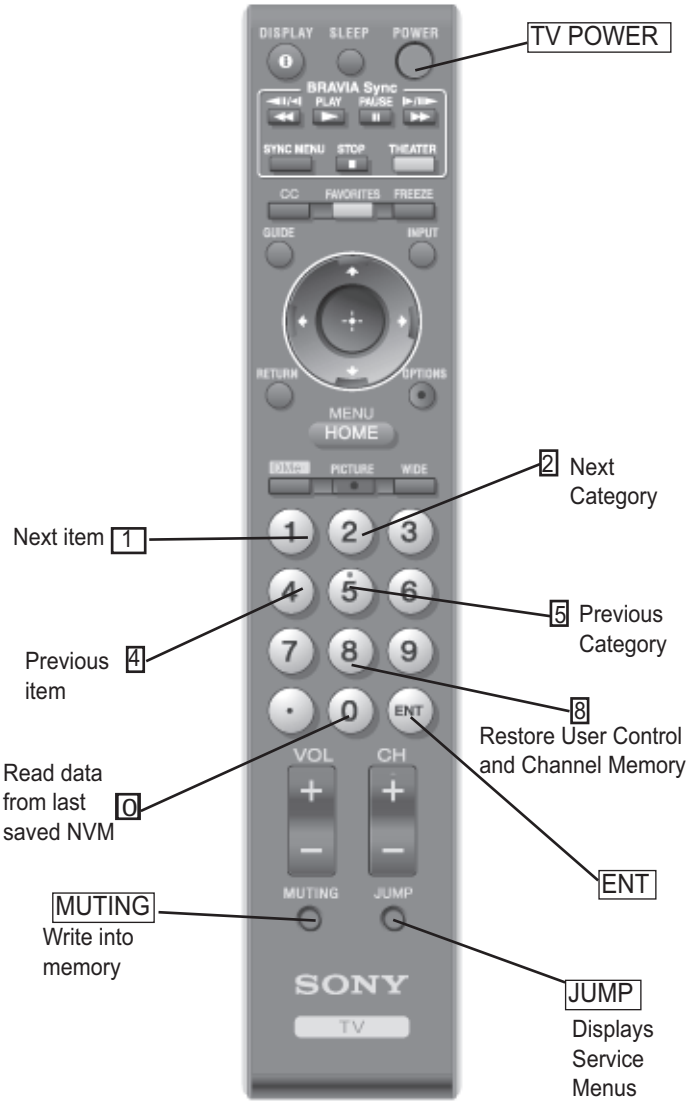
NOTE: If the Service Menu display text is not completely visible, press the Menu HOME button on the Remote Commander to refresh the display.

2. To change the **category**, press 2 or 5 on the Remote Commander.

   Note: Pressing 2 or 5 only changes the categories within the service menu displayed.

   To change a category on one of the other service menus, press the JUMP button until the correct service menu is displayed.

3. To change the **adjustment item**, press 1 or 4 on the Remote Commander.
4. To exit service mode, turn the power off.



RM-YD023

2-5. RESETTING TO FACTORY DEFAULTS

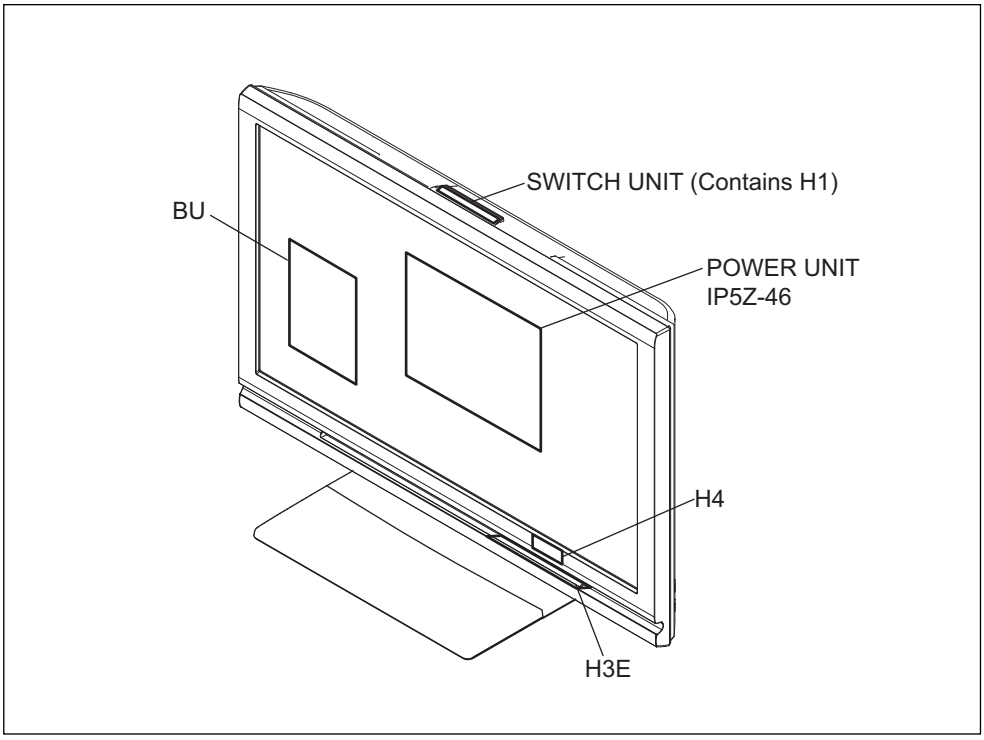
Use the following instructions to restore the User Controls and Channel Memory settings to the preset factory conditions.

1. While holding down the ▲ on the Remote Commander, press the POWER button on the Front Panel of the set.

   The set restarts and displays the initial setup screen. This may take several minutes.

SECTION 3: DIAGRAMS

3-1. CIRCUIT BOARDS LOCATION



3-2. PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS INFORMATION

All capacitors are in µF unless otherwise noted. pF : µµF 50WV or less are not indicated except for electrolytics and tantalums.

All electrolytics are in 50V unless otherwise specified.

All resistors are in ohms. kΩ=1000Ω, MΩ=1000kΩ

Indication of resistance, which does not have one for rating electrical power, is as follows: **Pitch : 5mm**
Rating electrical power : $^1/_4$ W

$^1/_4$ W in resistance, $^1/_{10}$ W and $^1/_{16}$ W in chip resistance.

: nonflammable resistor

: fusible resistor

: internal component

: panel designation and adjustment for repair

: earth ground

: earth-chassis

All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

Readings are taken with a color-bar signal input.

Readings are taken with a 10MΩ digital multimeter.

Voltages are DC with respect to ground unless otherwise noted.

Voltage variations may be noted due to normal production tolerances.

All voltages are in V.

S : Measurement impossibility.

: B+line.

: B-line. (Actual measured value may be different).

: signal path. (RF)

Circled numbers are waveform references.

The components identified by shading and ⚠ symbol are critical for safety. Replace only with part number specified.

The symbol indicates a fast operating fuse and is displayed on the component side of the board. Replace only with fuse of the same rating as marked.

Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

Le symbole indique une fusible a action rapide. Doit etre remplace par une fusible de meme yaleur, comme maque.

NOTE: The components identified by a red outline and a mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

REFERENCE INFORMATION

RESISTOR

: RN	METAL FILM
: RC	SOLID
: FPRD	NONFLAMMABLE CARBON
: FUSE	NONFLAMMABLE FUSIBLE
: RW	NONFLAMMABLE WIREWOUND
: RS	NONFLAMMABLE METAL OXIDE
: RB	NONFLAMMABLE CEMENT
: ※	ADJUSTMENT RESISTOR

CAPACITOR

: TA	TANTALUM
: PS	STYROL
: PP	POLYPROPYLENE
: PT	MYLAR
: MPS	METALIZED POLYESTER
: MPP	METALIZED POLYPROPYLENE
: ALB	BIPOLAR
: ALT	HIGH TEMPERATURE
: ALR	HIGH RIPPLE

COIL

: LF-8L MICRO INDUCTOR

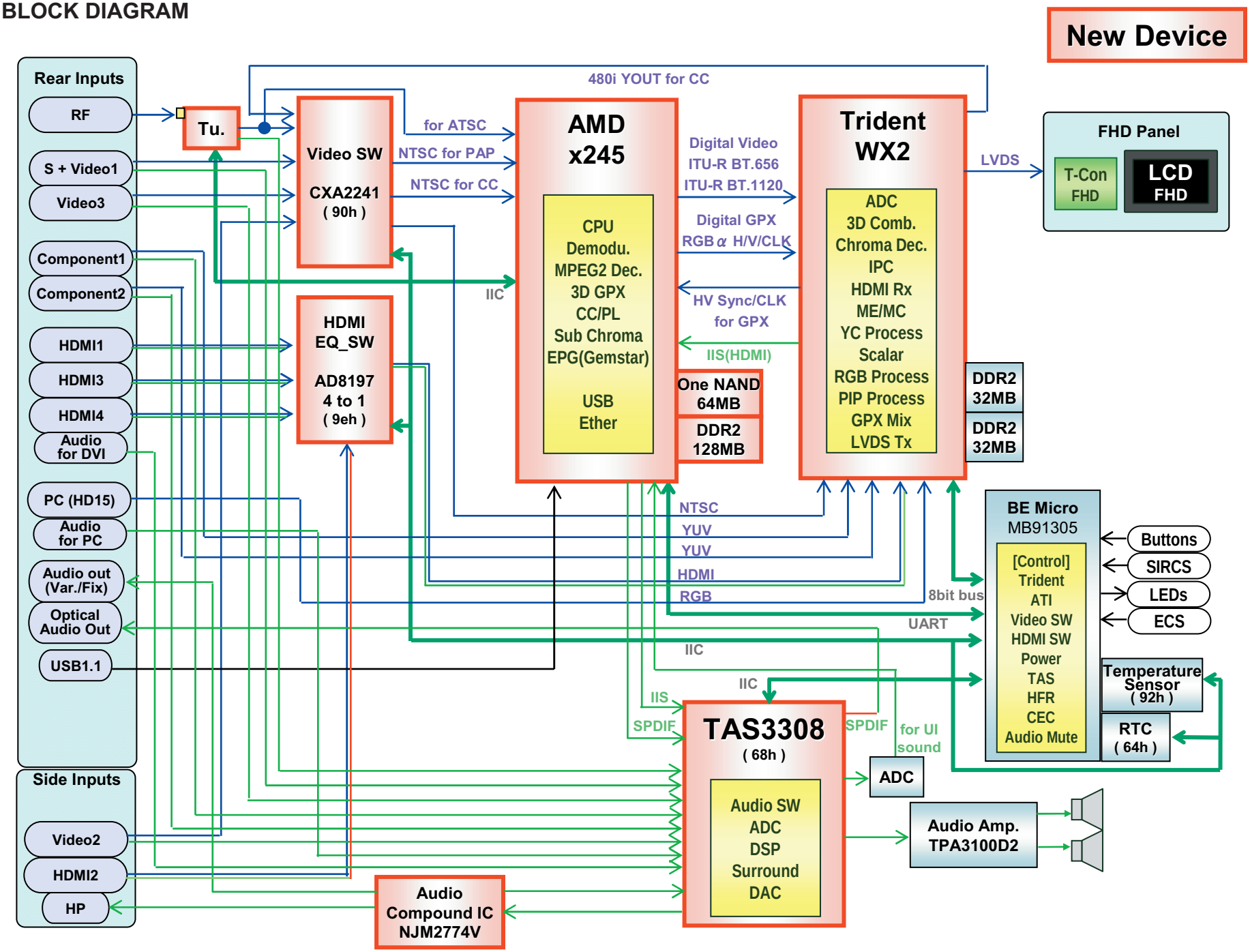
Terminal name of semiconductors in silk screen printed circuit (※)

	Device	Printed symbol	Terminal name	Circuit
1	Transistor		Collector / Base / Emitter	
2	Transistor		Collector / Base / Emitter	
3	Diode		Cathode / Anode	
4	Diode		Cathode / Anode / (NC)	
5	Diode		Cathode / Anode / (NC)	
6	Diode		Common / Anode / Cathode	
7	Diode		Common / Anode / Cathode	
8	Diode		Common / Anode / Anode	
9	Diode		Common / Anode / Anode	
0	Diode		Common / Cathode / Cathode	
!¡	Diode		Common / Cathode / Cathode	
!™	Diode		Anode Cathode / Anode Anode / Cathode Anode	
!£	Transistor (FET)		Drain / Source / Gate	
!¢	Transistor (FET)		Drain / Source / Gate	
!?	Transistor (FET)		☐ Source / ☐ Drain / ☐ Gate	
!§	Transistor		☐ Emitter / ☐ Collector / ☐ Base	
!¶	Transistor		C2 B1 E1 / E2 B2 C1	
!•	Transistor		C1 B2 E2 / E1 B1 C2	
!ª	Transistor		C1 B2 E2 / E1 B1 C2	
@º	Transistor		C1 B2 E2 / E1 B1 C2	
@¡	Transistor		E2 B1 E1 / C2 C1(B2)	
@™	Transistor		(B2) B1 E1 E2 / C1 C2	
@£	Transistor		(B2) E2 E1 B1 / C2 C1	
–	Discrete semiconductot			

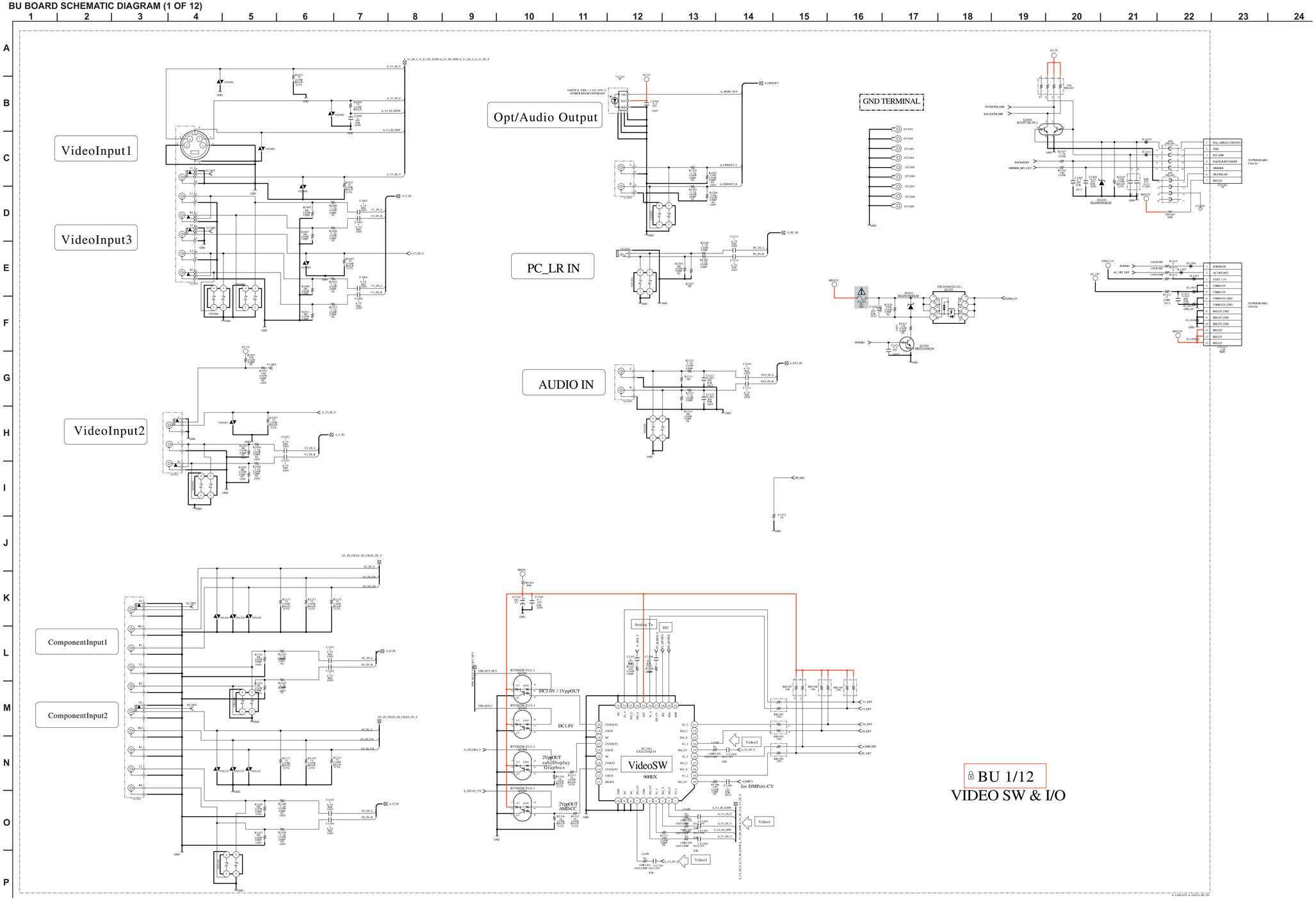
(Chip semiconductors that are not actually used are included.)

Ver.1.6

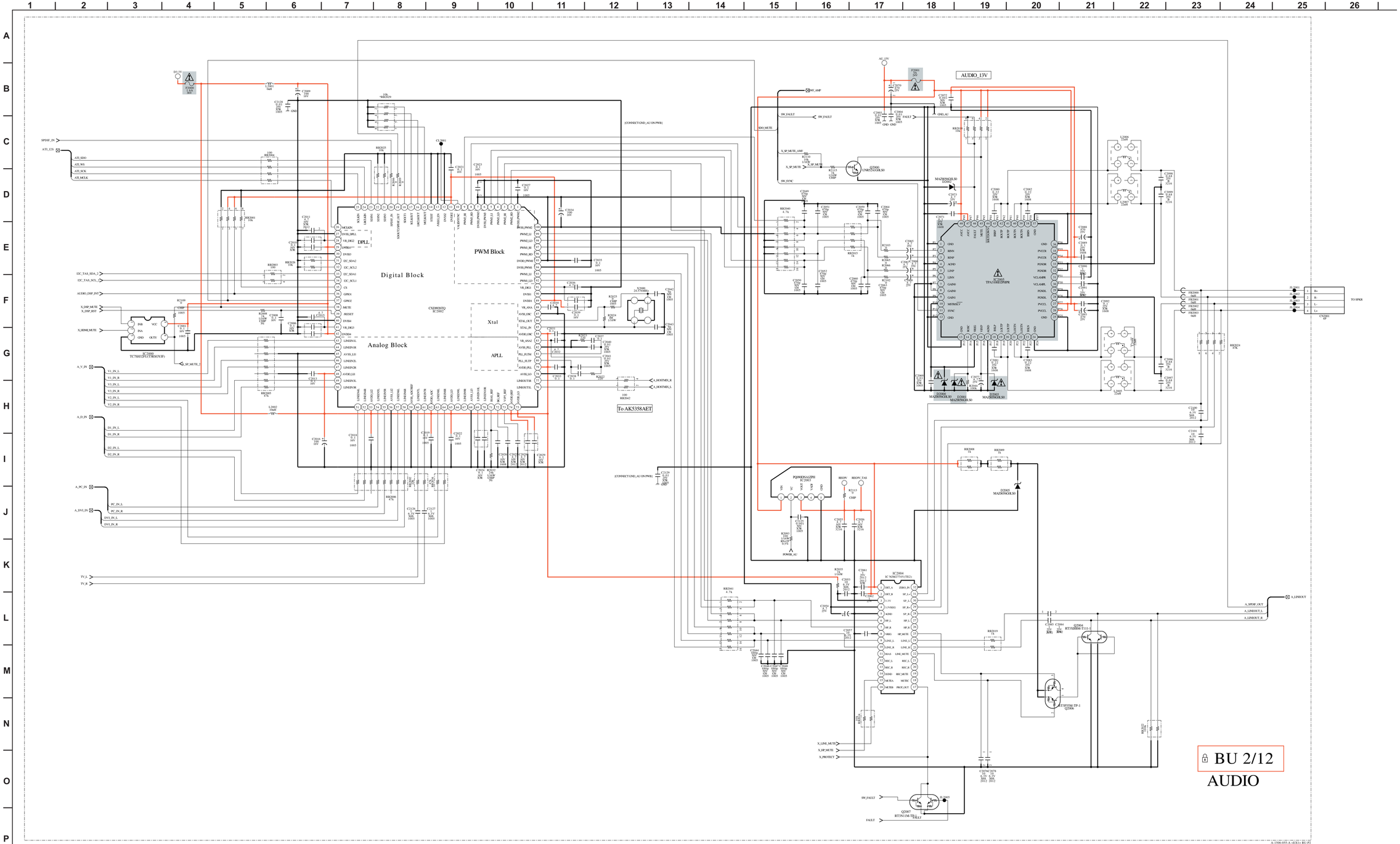
3-3. BLOCK DIAGRAM



3-4. SCHEMATICS AND SUPPORTING INFORMATION
BU BOARD SCHEMATIC DIAGRAM (1 OF 12)



BU BOARD SCHEMATIC DIAGRAM (2 OF 12)



BU BOARD SCHEMATIC DIAGRAM (3 OF 12)

R3010 : SBC-T request

TL-Board

1.8V Reg

Temp Sensor

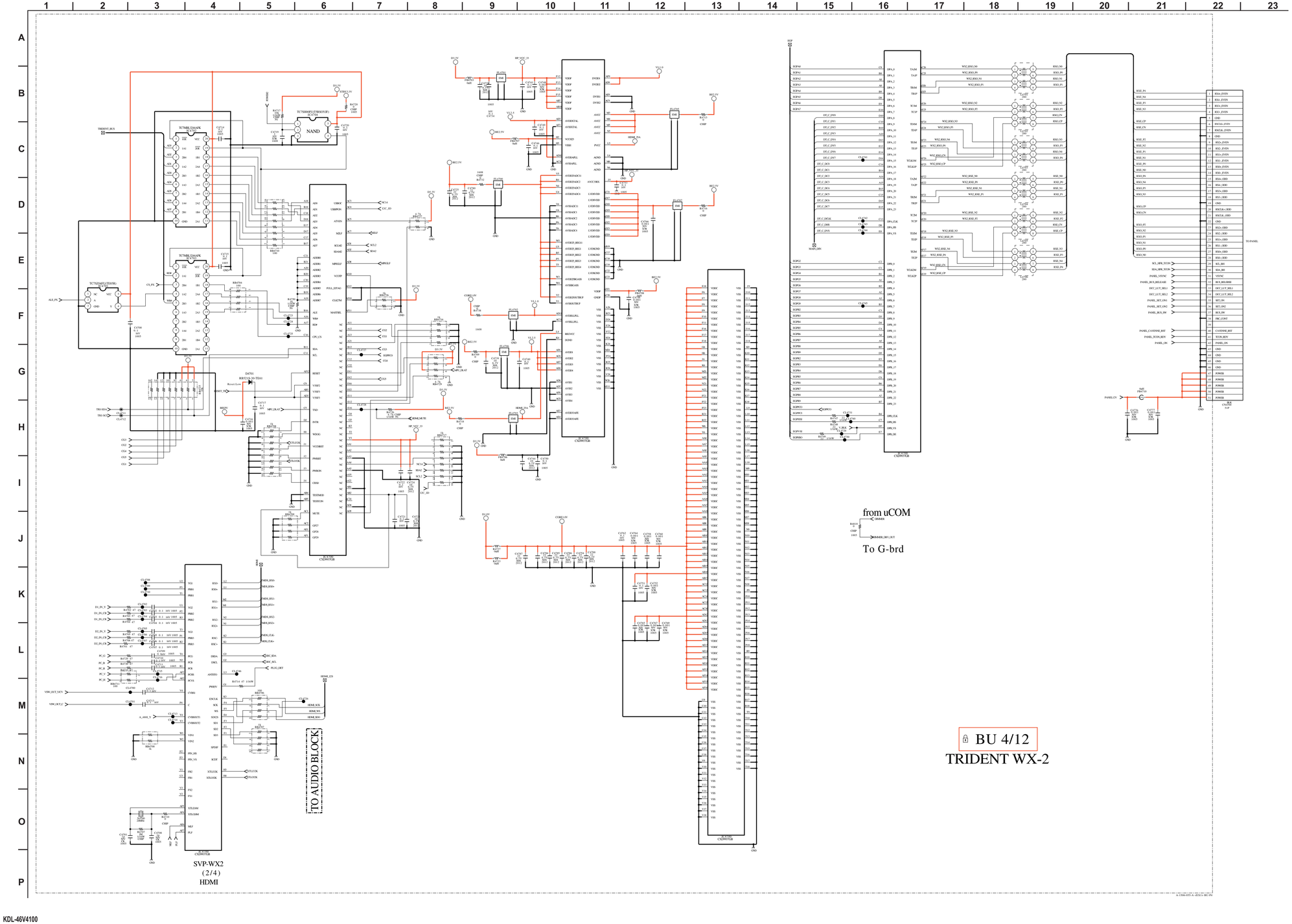
MAIN-BU-ALERT

RTC

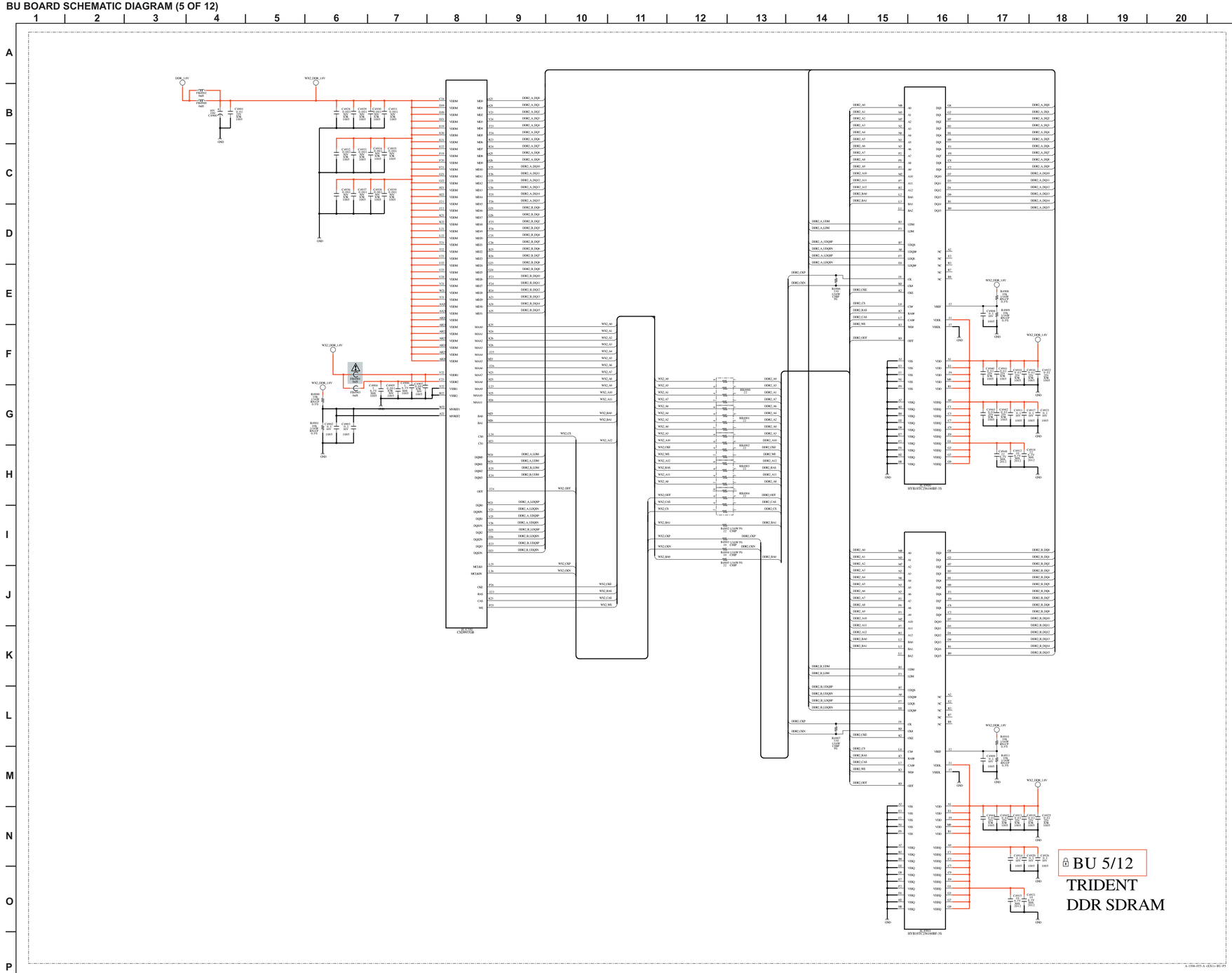
BU 3/12

BE MICRO

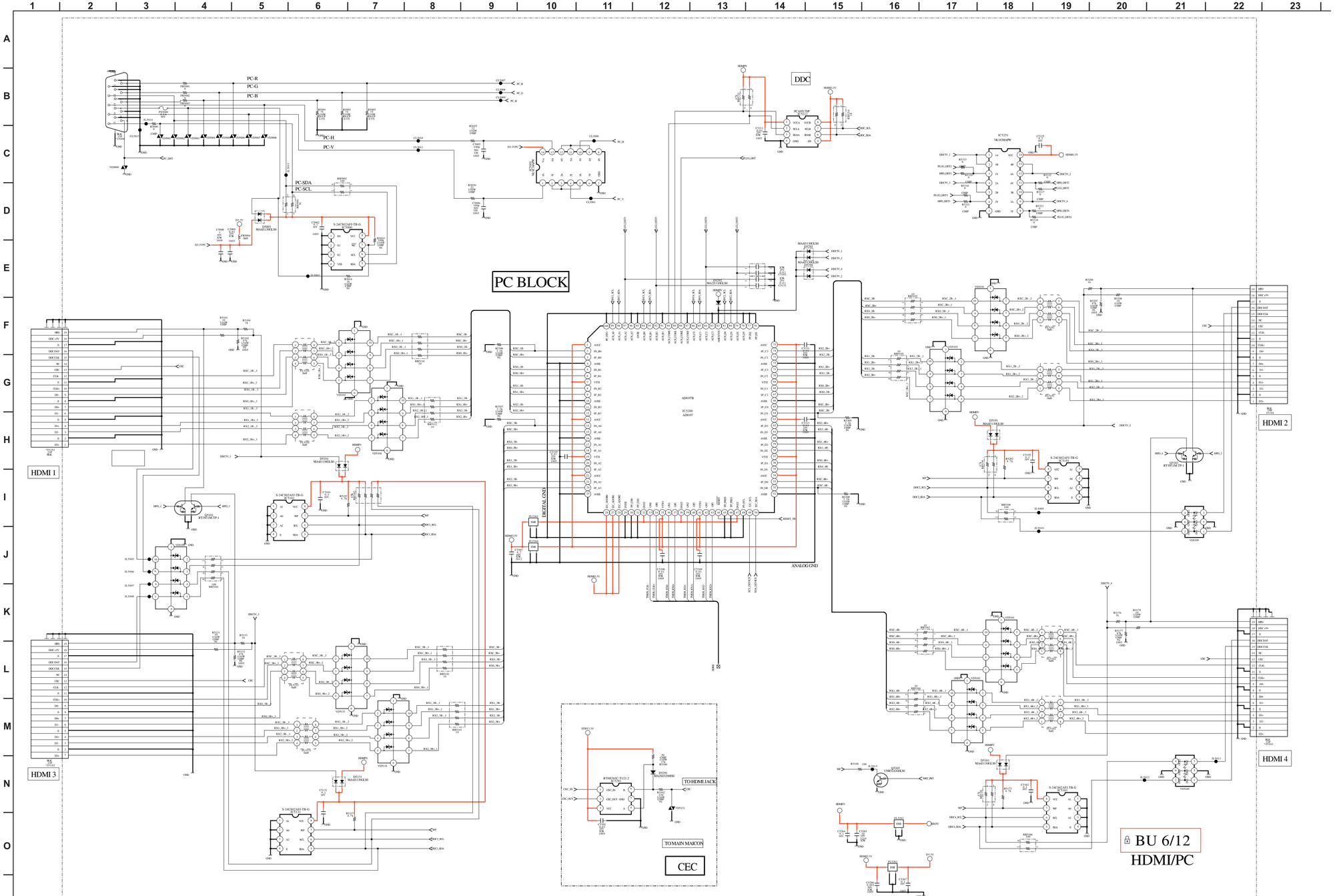
BU BOARD SCHEMATIC DIAGRAM (4 OF 12)



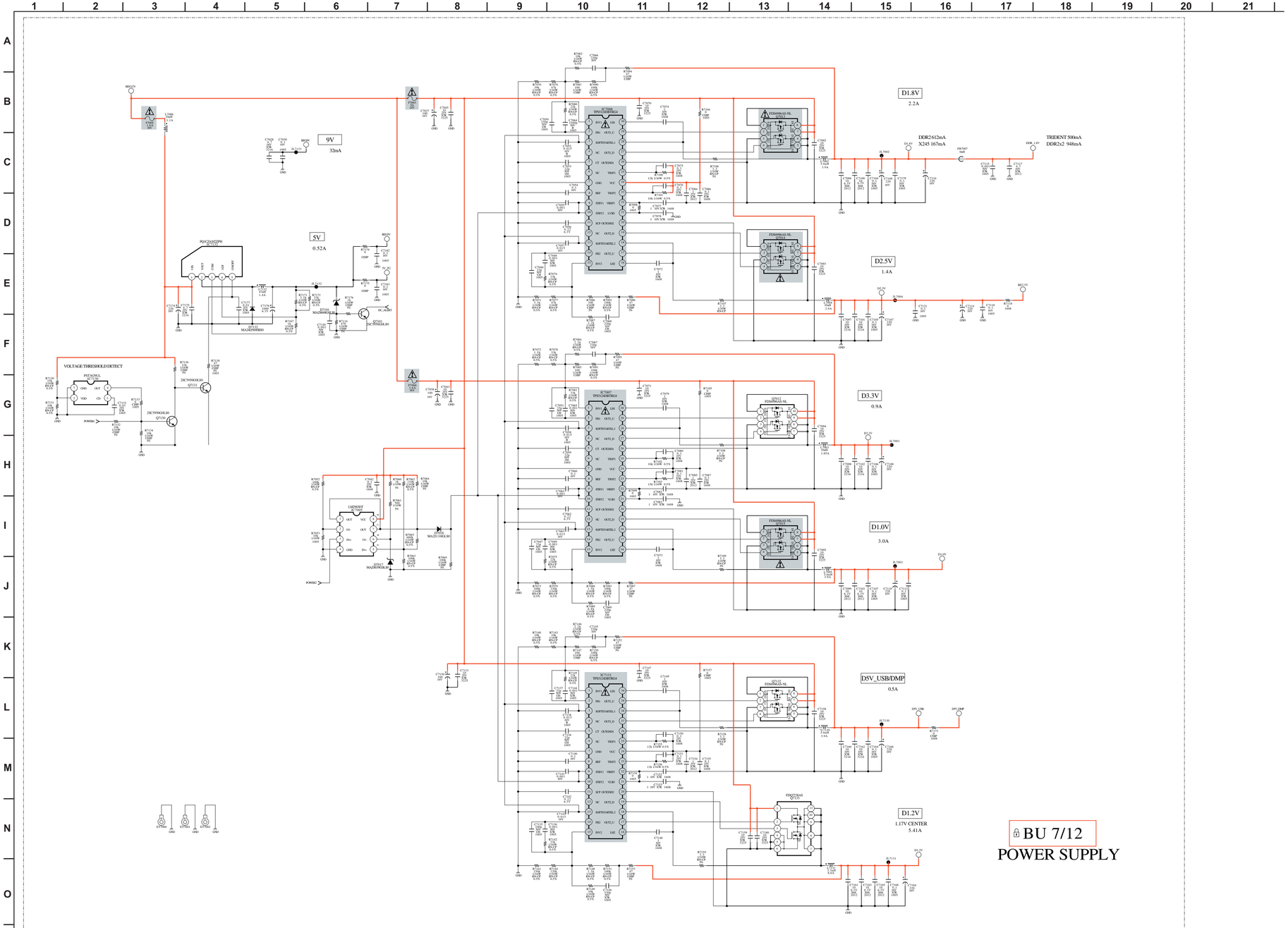
BU BOARD SCHEMATIC DIAGRAM (5 OF 12)



BU BOARD SCHEMATIC DIAGRAM (6 OF 12)



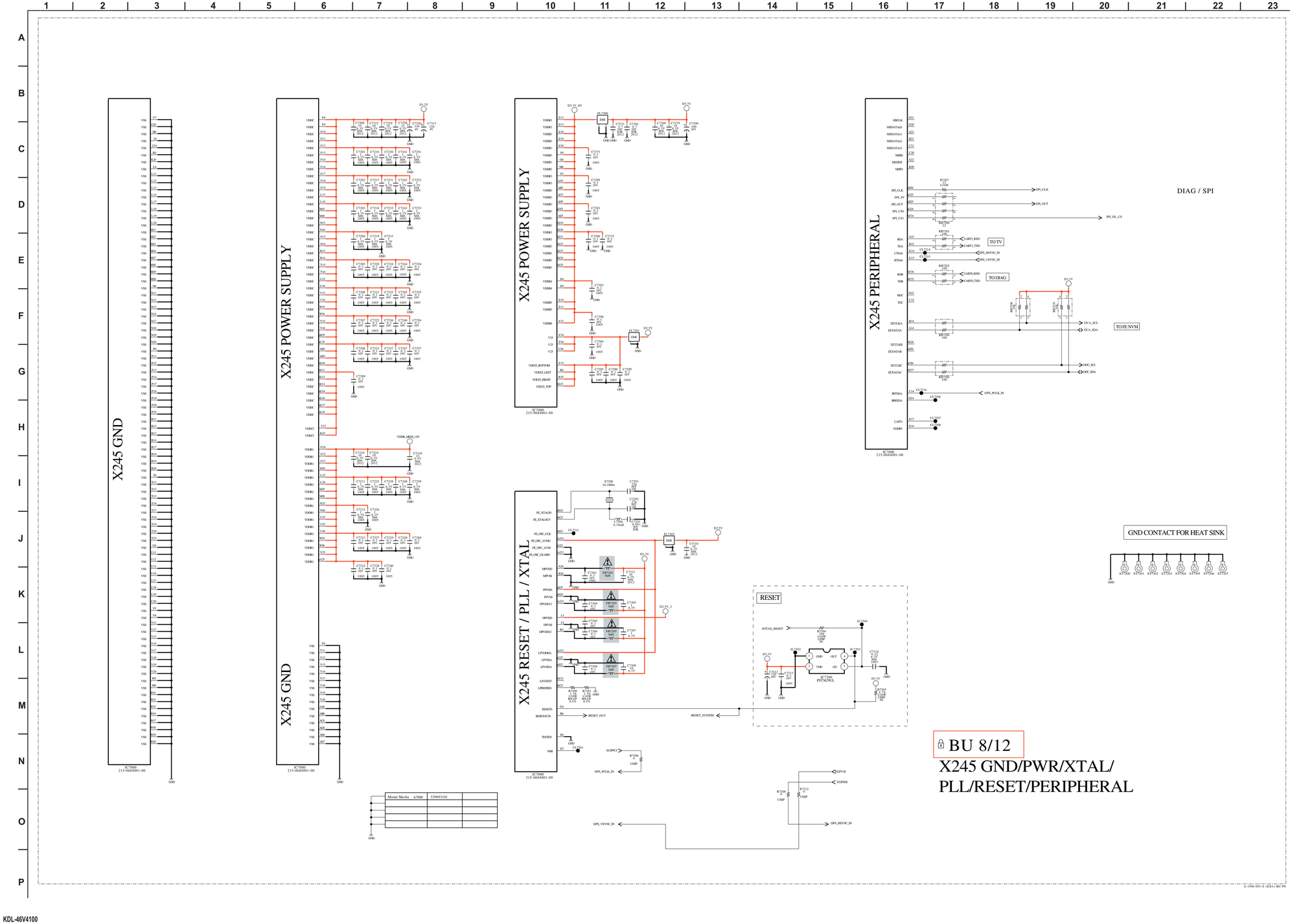
BU BOARD SCHEMATIC DIAGRAM (7 OF 12)



BU 7/12

POWER SUPPLY

BU BOARD SCHEMATIC DIAGRAM (8 OF 12)



BU BOARD SCHEMATIC DIAGRAM (9 OF 12)

DDR2 (x16)

X245 DDR2 INTERFACE (x16)

NAND FLASH

NVM

SERIAL FLASH

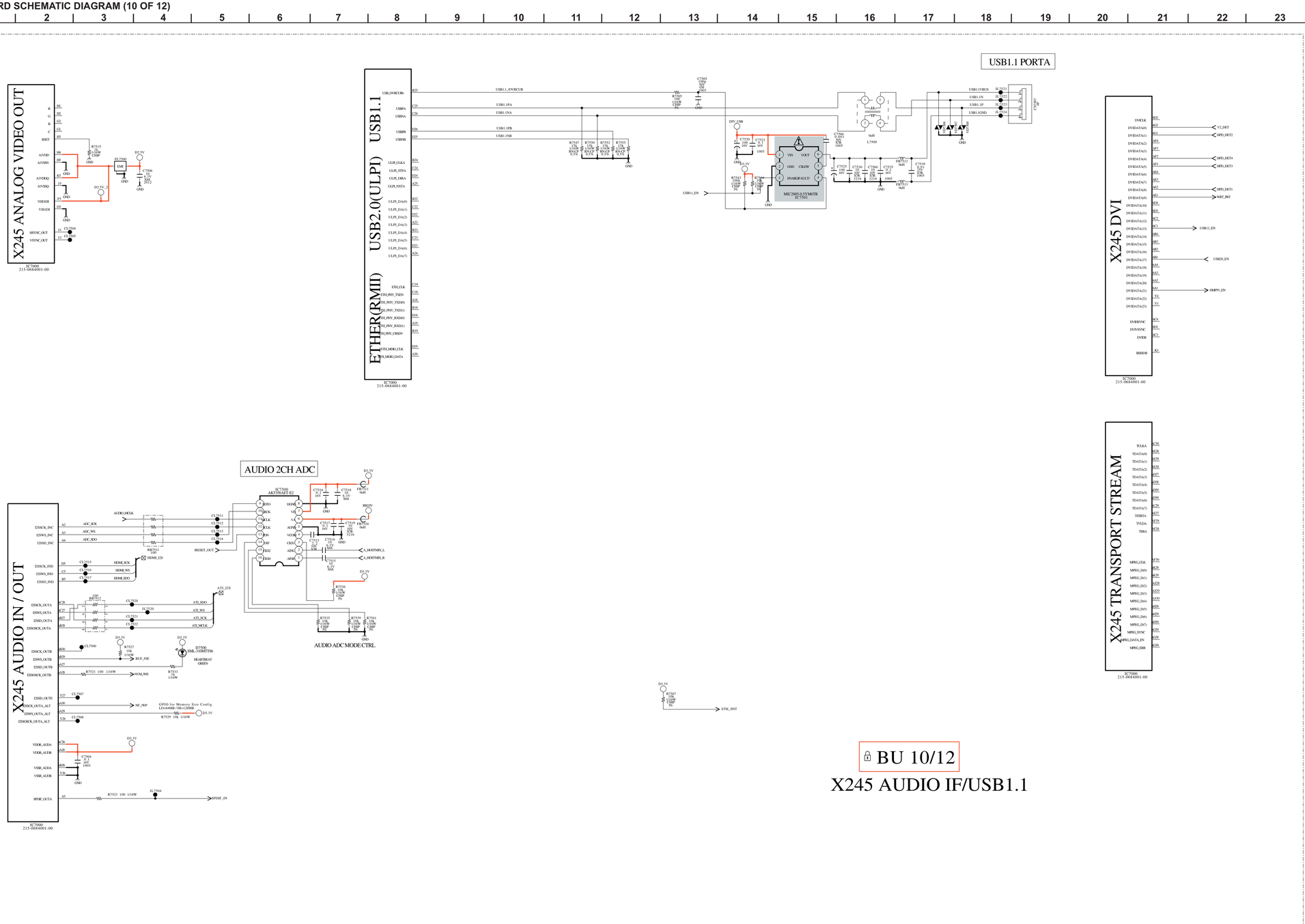
X245 NF INTERFACE

X245 FLEXBUS INTERFACE

BU 9/12

X245 DDR2/FLASH/NVM/FLEXBUS/STRAP

BU BOARD SCHEMATIC DIAGRAM (10 OF 12)



BU BOARD SCHEMATIC DIAGRAM (11 OF 12)

X245 ADC

X245 GPIOC

X245 FDC / AGC

AFT COMPARATOR

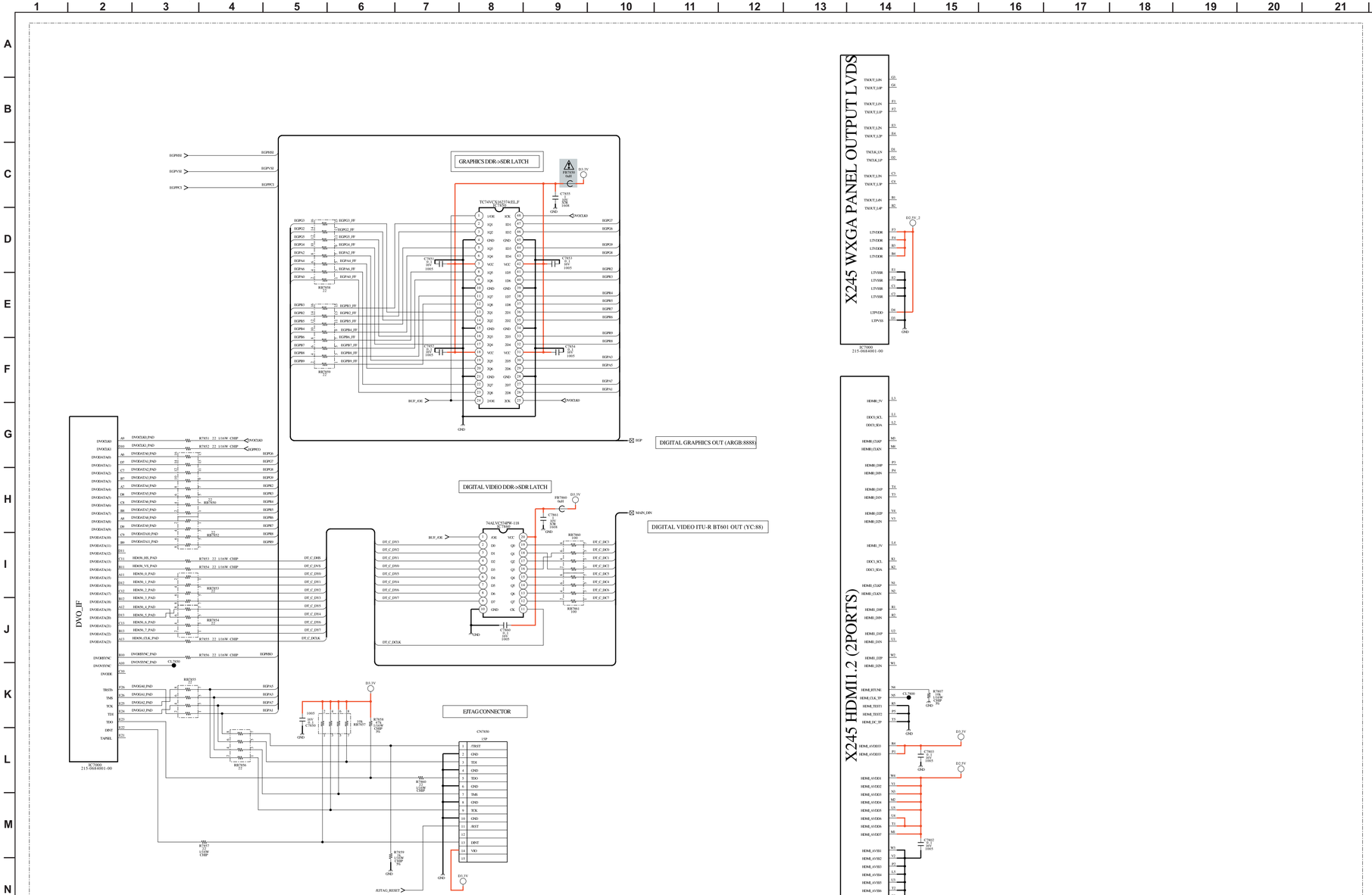
VIDEO SIGNAL DETECTOR

SONY TUNER
BTF-CA422T

BU 11/12

X245 FRONTEND/ADC/GPIOC/TUNER

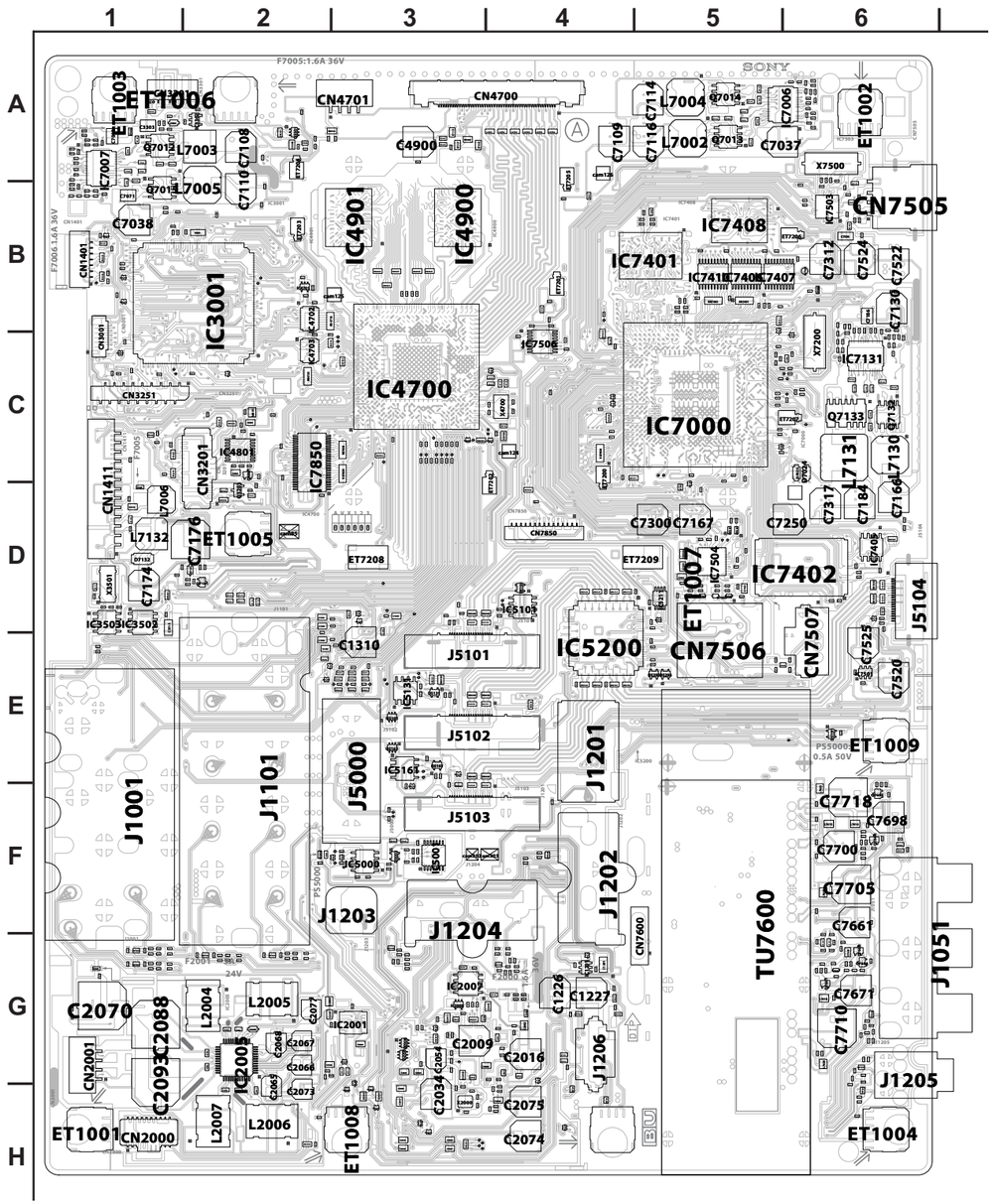
BU BOARD SCHEMATIC DIAGRAM (12 OF 12)



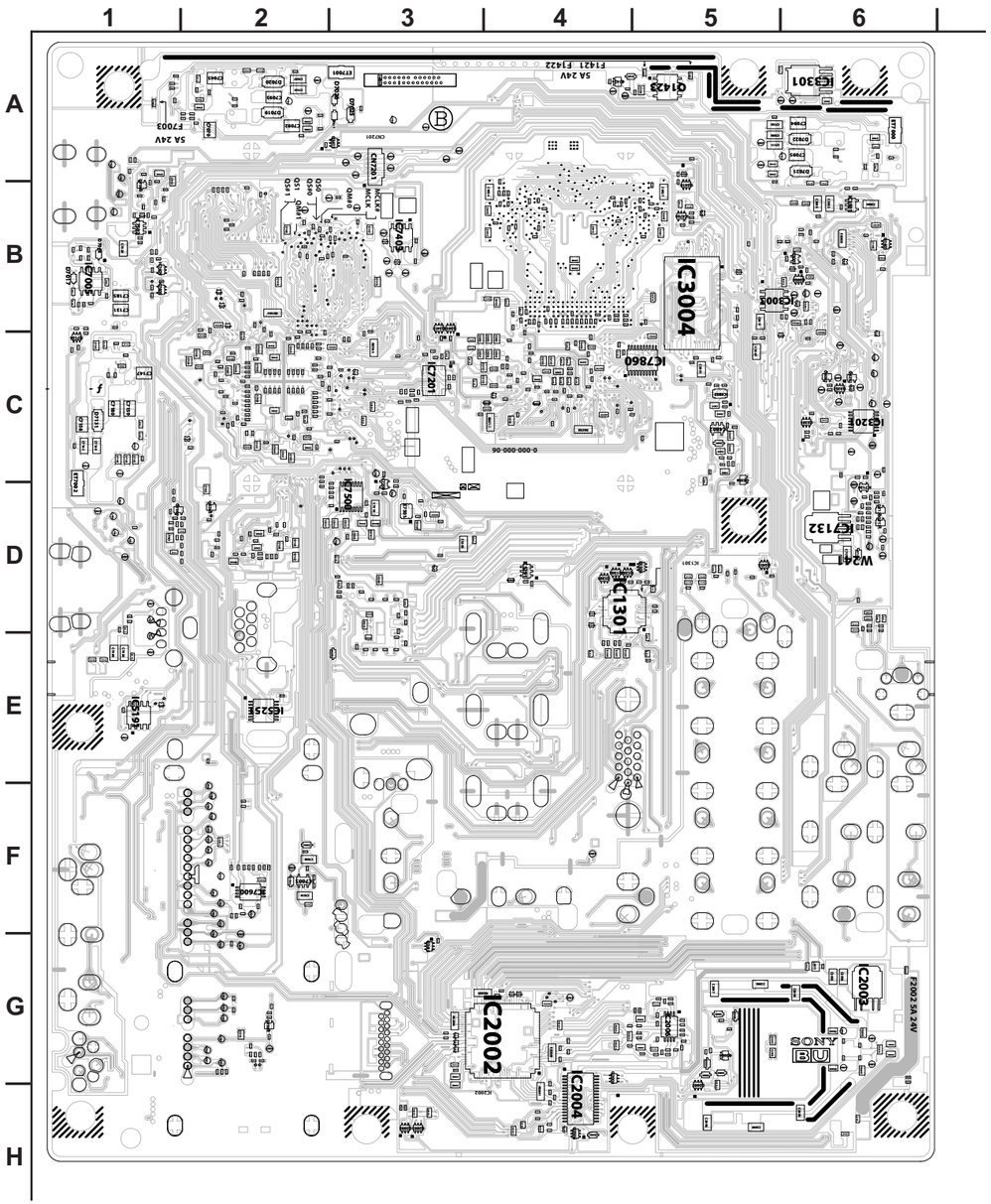
BU

[VIDEO SW & I, O, AUDIO, BE MICRO, TRIDENT WX-2, TRIDENT DDR SDRAM, HDMI, PC, POWER SUPPLY, X245 GND, PWR, XTAL, PLL, RESET, PERIPHERAL, X245 DDR2, FLASH, NVM, FLEXBUS, STRAP, X245 AUDIO IF, USB1.1, X245 FRONTEND, ADC, GPIOC, TUNER, X245 DVO OUTPUT (ITU656.GRAPHICS)]

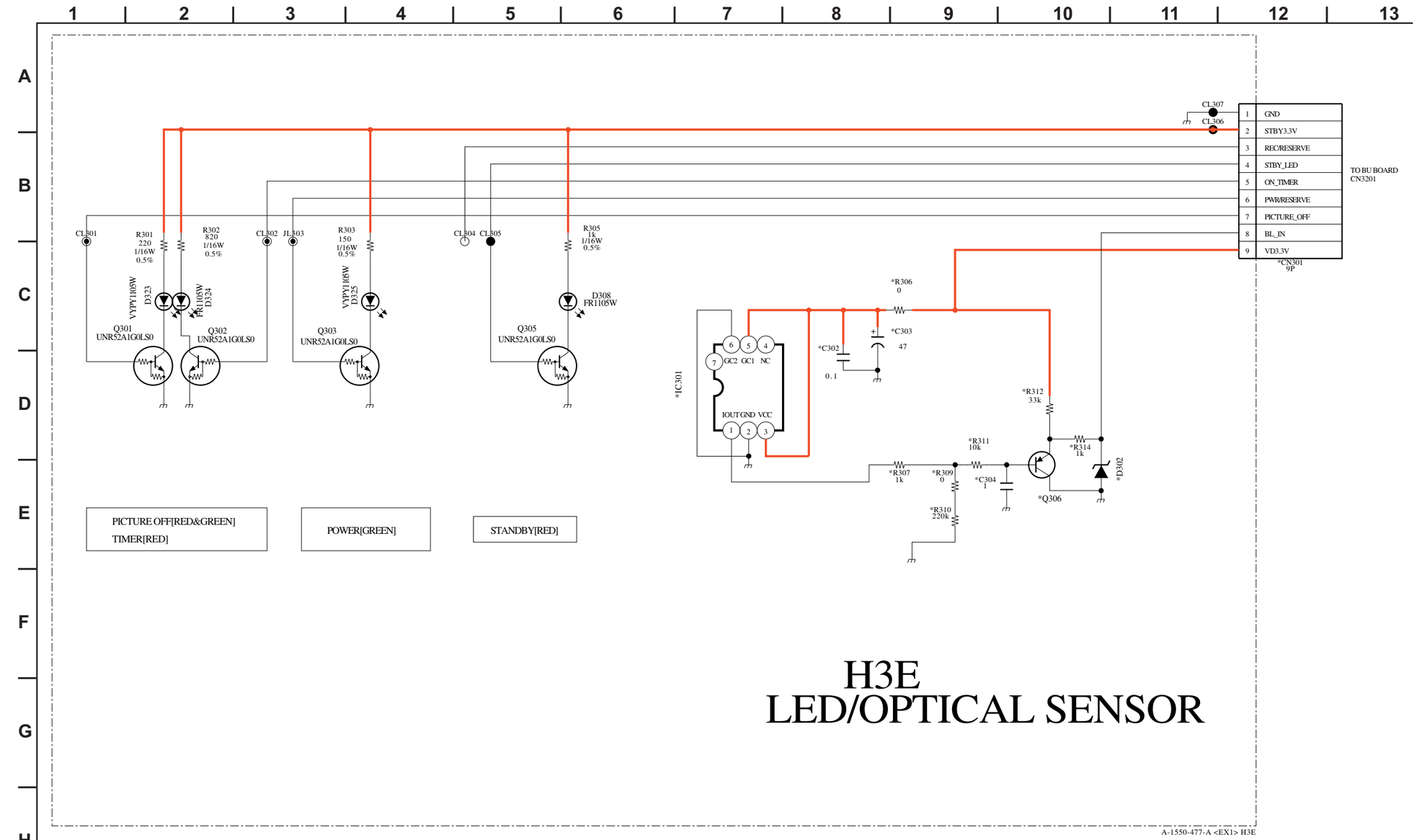
COMPONENT SIDE



CONDUCTOR SIDE

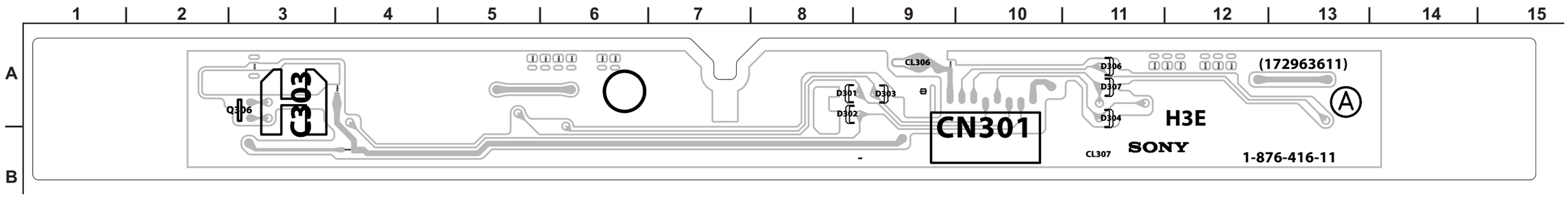


H3E BOARD SCHEMATIC DIAGRAM



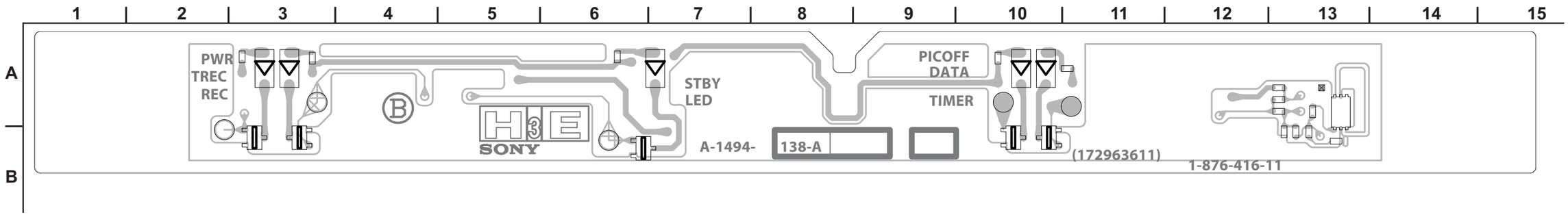
H3E [LED, OPTICAL SENSOR]

COMPONENT SIDE

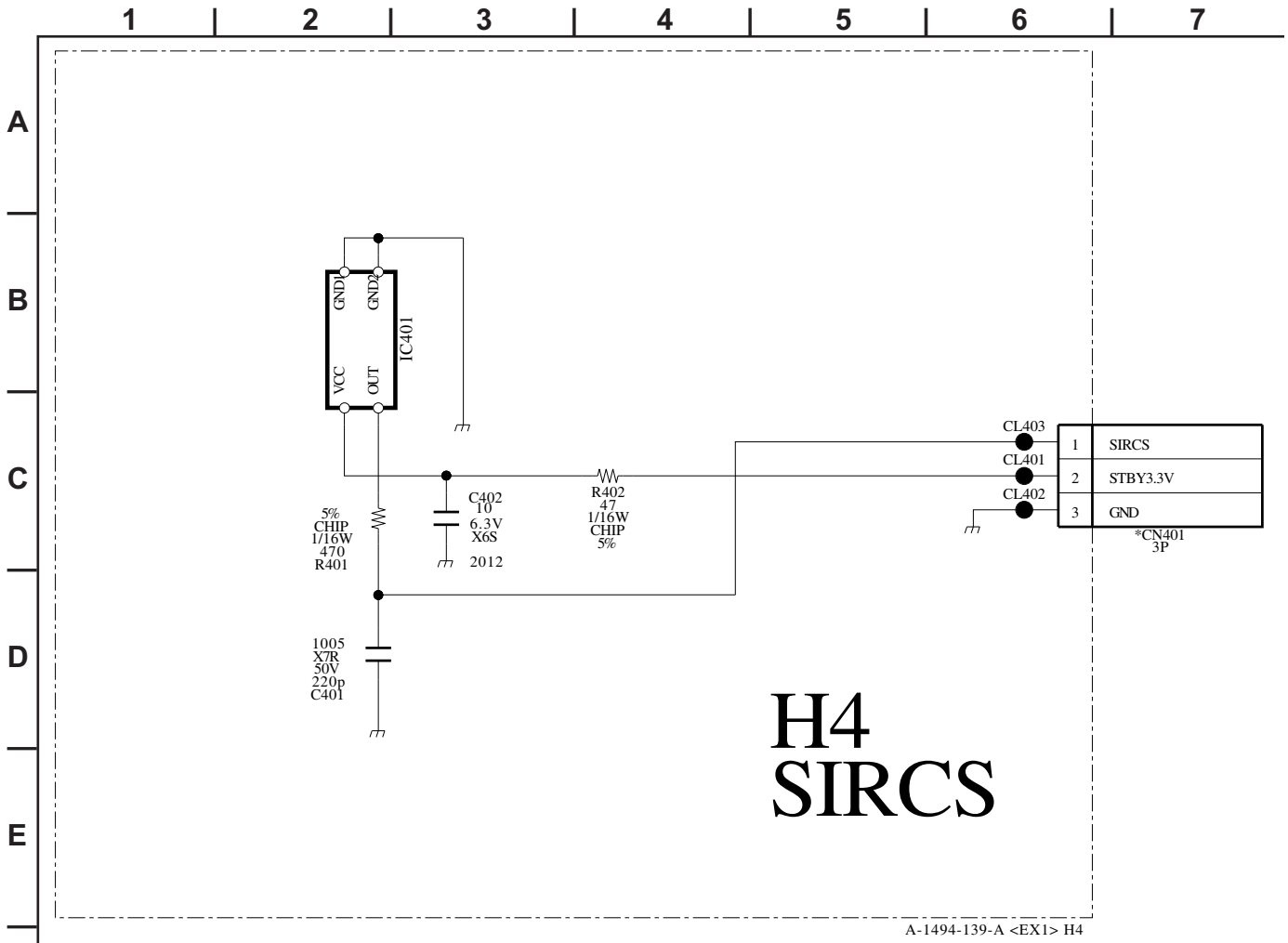


H3E [LED, OPTICAL SENSOR]

CONDUCTOR SIDE



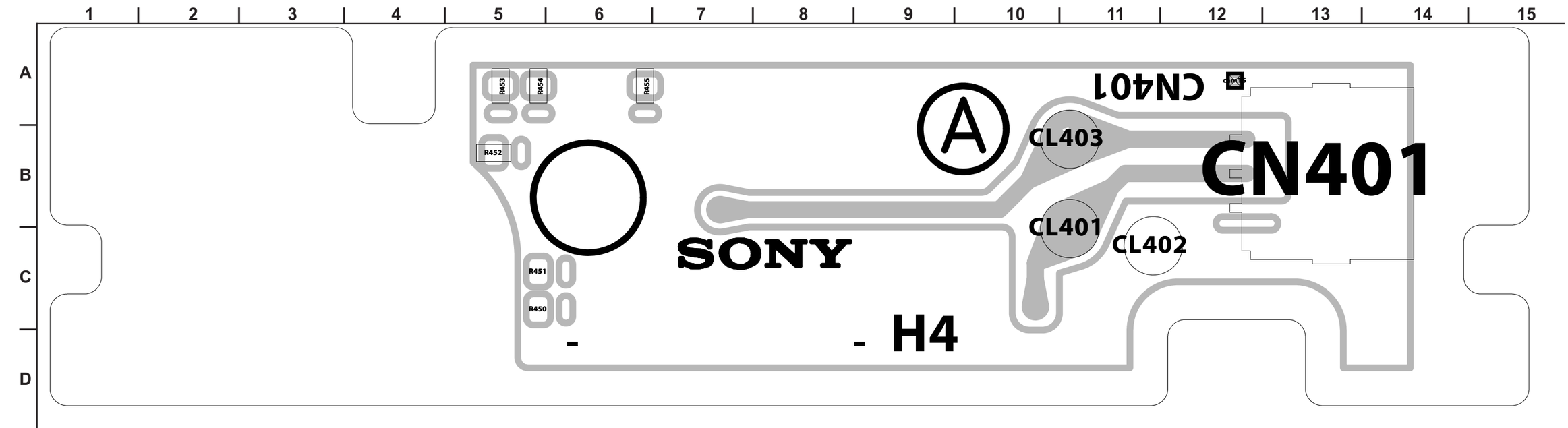
H4 BOARD SCHEMATIC DIAGRAM



H4

[SIRCS]

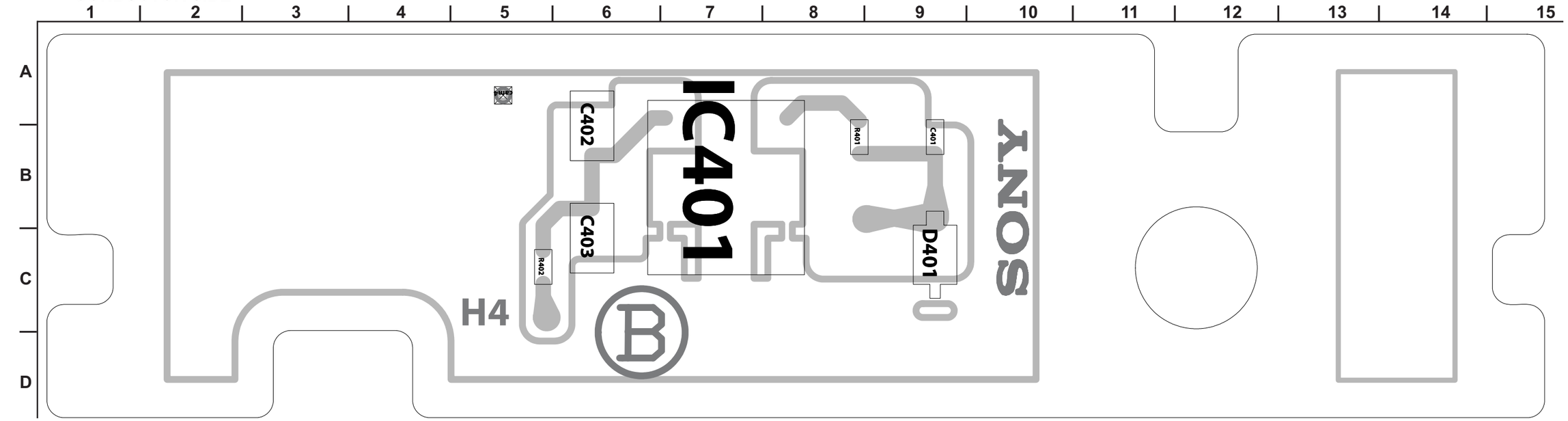
COMPONENT SIDE



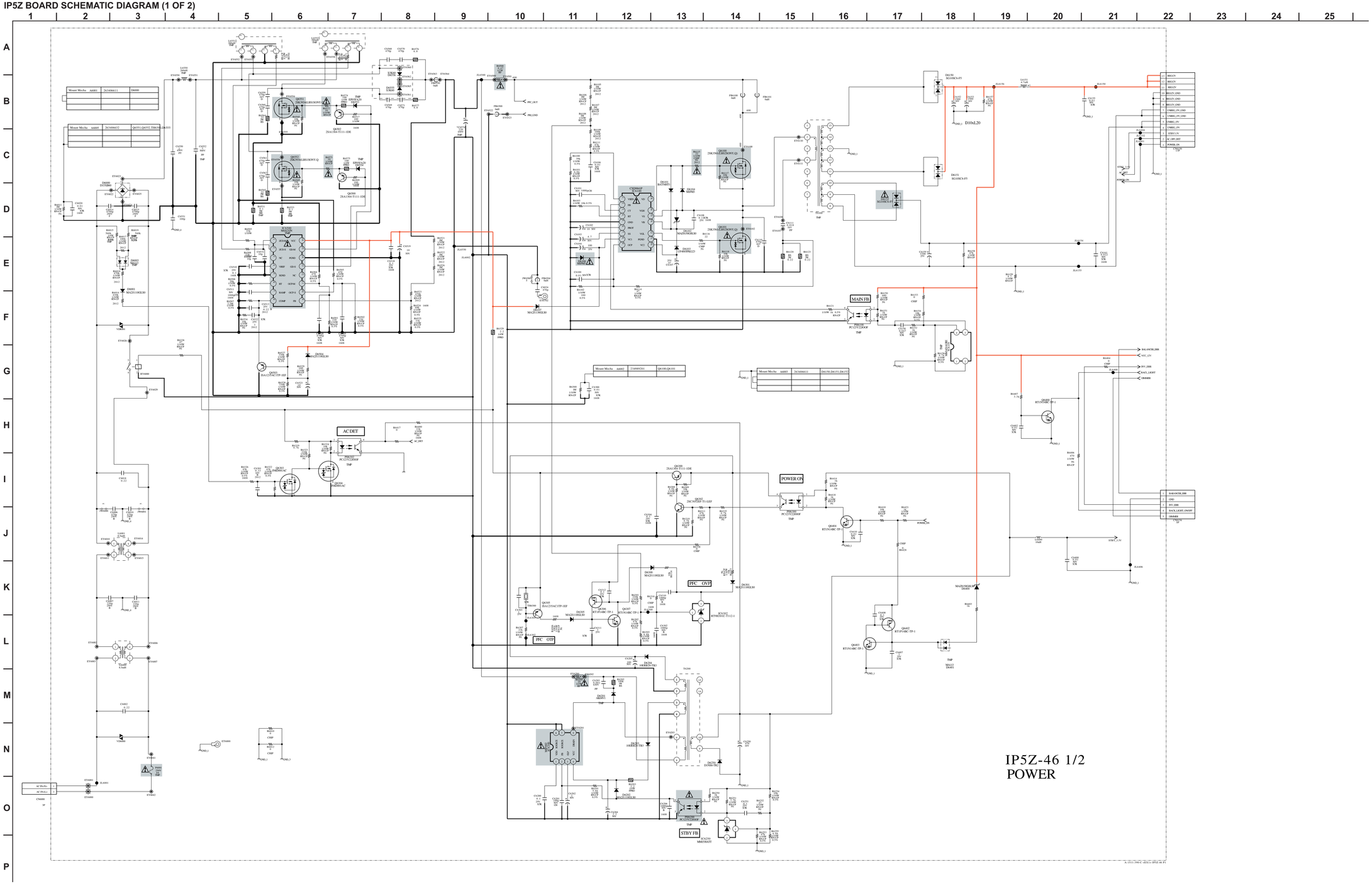
H4

[SIRCS]

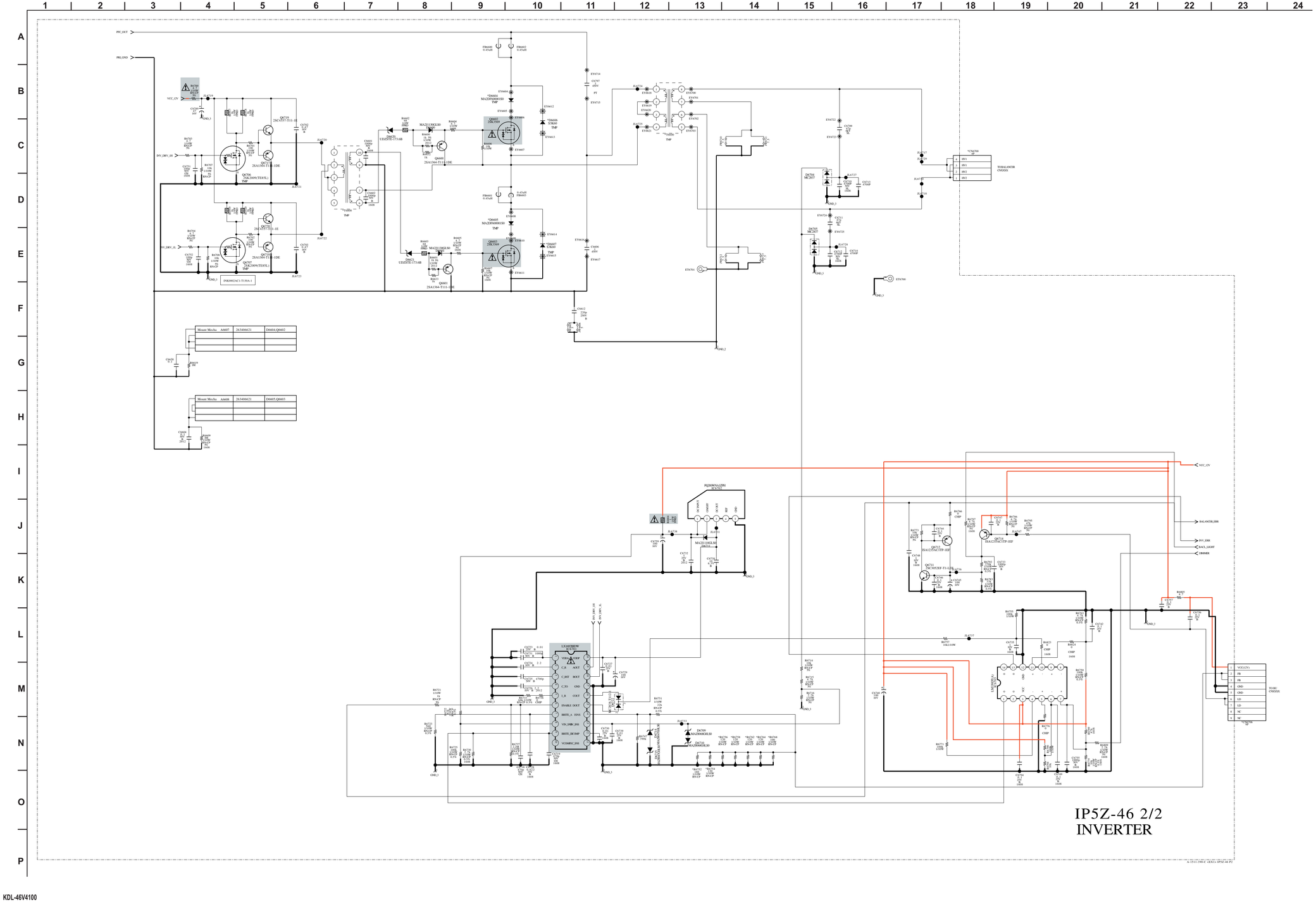
CONDUCTOR SIDE



IP5Z BOARD SCHEMATIC DIAGRAM (1 OF 2)



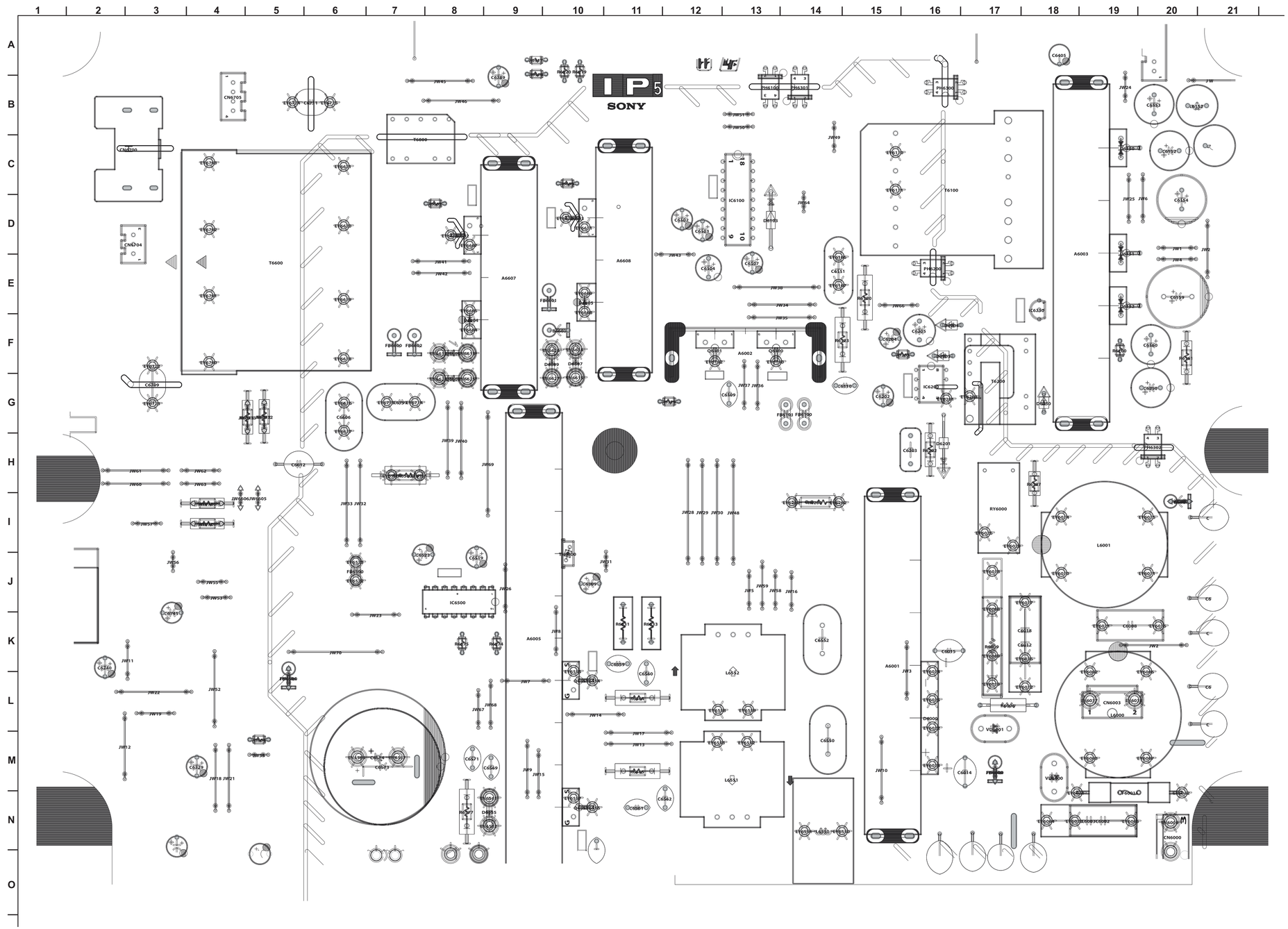
IP5Z BOARD SCHEMATIC DIAGRAM (2 OF 2)


PRC_OUT
PRI_GND
VCC_12V
INV_DRV_HI
INV_DRV_FL
Mount Mecha A6607 263406621 D6604,Q6602
Mount Mecha A6608 263406621 D6605,Q6603
IN8309SACU-T1/WA-1
LNJ830W83FW
LNJ830W83FW
IPQ30WNA1QPH
MA2J110GCL80
MA2J110GCL80
MA2J110GCL80
MA2J110GCL80
*D6604 MAZ8FA0000150
*D6605 MAZ8FA0000150
*D6606 UDZST2E-13-5.6B
*D6607 UDZST2E-13-5.6B
2SA1364-T111-1DE
2SC4537-T111-1E
2SC4537-T111-1E
2SA1364-T111-1DE
2SA1364-T111-1DE
2SC4537-T111-1E
2SC4537-T111-1E
2SA1364-T111-1DE
2SK3569(TE85L)
2SK3569(TE85L)
2SK3569/TE85L)
2SK3569/TE85L)
LNJ830W83FW
LNJ830W83FW
LNJ830W83FW

IP5Z

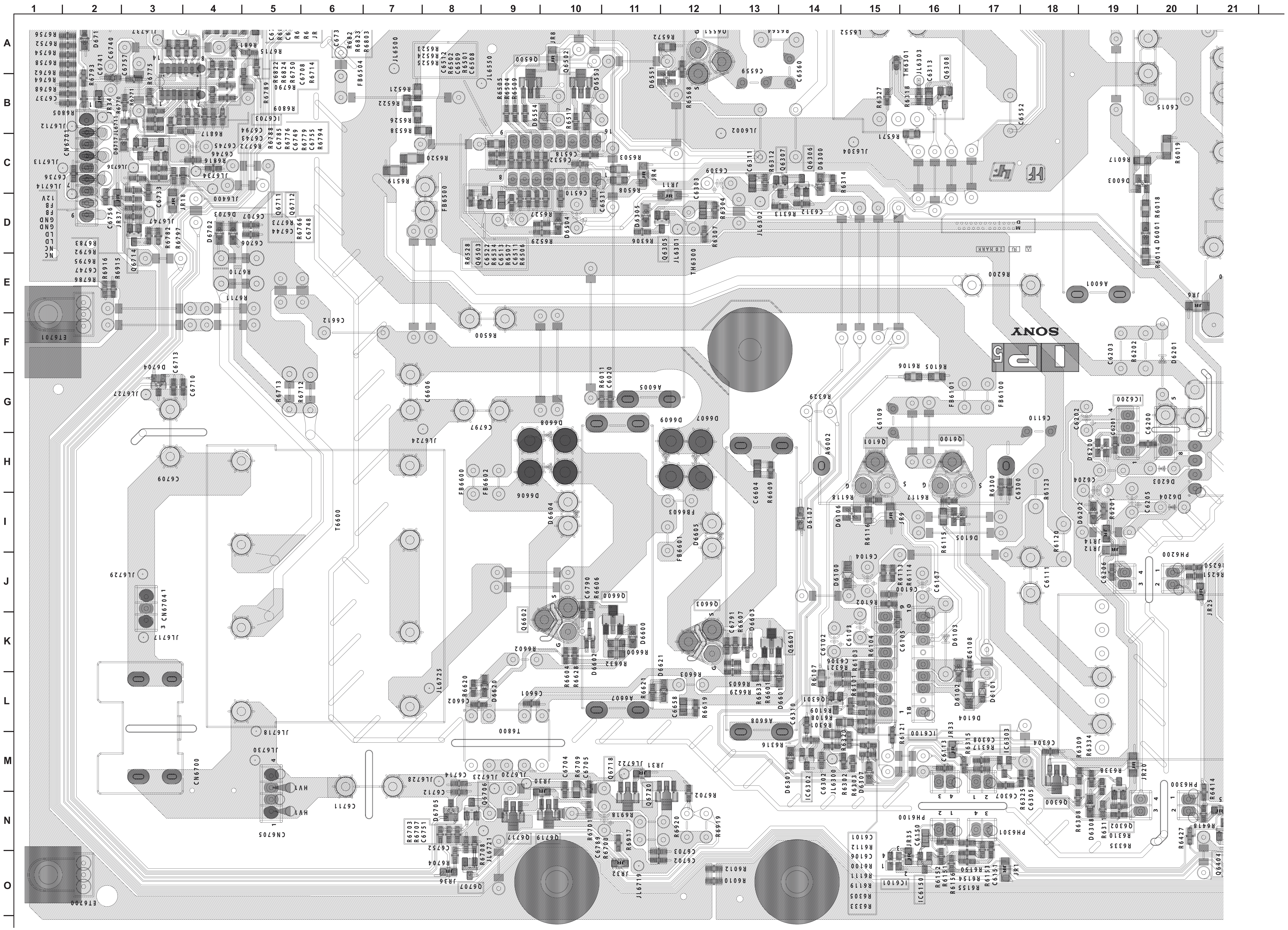
[POWER, INVERTER]

COMPONENT SIDE



IP5Z

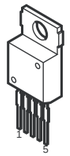
[POWER, INVERTER]
CONDUCTOR SIDE



3-5. SEMICONDUCTORS

IC

BA00AST-V5



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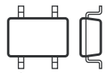
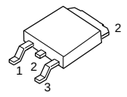
BA09FP-E2
S-1111B33MC-NYSTFG
S-80928CNMC-G8YT2G
TC7SZ125FU(TE85R)

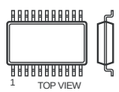


5Pin CHIP

BA18BC0FP-E2
BA25BC0FP-E2

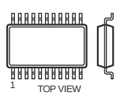


BR24L02F-WE2
CS4335-KSZR
FA5501N-TE1
LM75CIMX-3
M24128-BWMN6T(A)
M24C02-WMN6T(B)
NJM2521V(TE2)
NJM3414AV(TE2)
RC4558DR
RC4558PWR



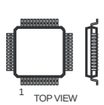
8Pin SOP

CD4052BNSR
FMS6418AM16X



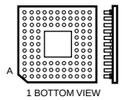
16Pin SOP

CXA2188Q-T4



40Pin QFP

EM6A9320BI-5MG



144Pin PGA

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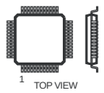
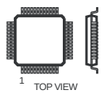
HD64F3694FXV-DA4
TPA3004D2PHPR



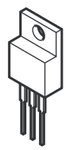
48Pin QFP

HD64F2378-12681-01

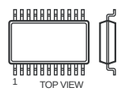


144Pin QFP

L88M05T-FA-TL

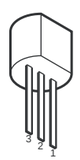


M52347FP-TE

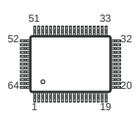


20Pin SOP

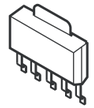
MM1431ATT



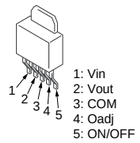
NJW1149AFH1



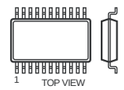
PQ1CY1032ZP



PQ1CZ41H2ZPH



RV5C387A-E2-FB



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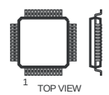
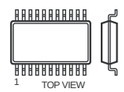


100Pin QFP

SN74LV132APWR
SN74LVC14APWR

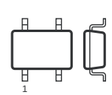


14Pin SOP

STR-A6169

8Pin DIP

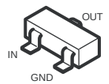
TK11819MTL



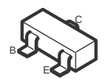
6Pin CHIP

TRANSISTOR

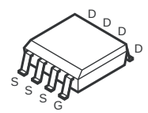
DTC114EU
DTC114EUAFT106



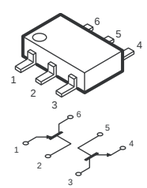
DTC114EUA-T106
DTC115EUA-T106
DTC144WKA-T146
DTC314TK-T-146
DTC323TK
DTC323TKT146
MUN2211T1
MUN2212T1
MUN5213T1
PDTC114EK-115
UN2211
2PA1576R-115
2PC4081R-115
2PD601AR-115
2SA1037AK-T146-QR
2SA1037AK-T146-R
2SA1576A-T106-QR
2SA1774R
2SA1774TL-QR
2SC1623-L5L6
2SC2412K-T-146-QR
2SC4081-R
2SC4081T106R
2SC4617R
2SC4617TL-QR
2SD2114K
2SD601A-Q-TX



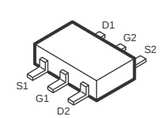
FDS6690A



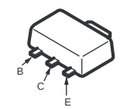
HN1B01FU-TE85R



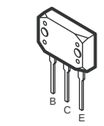
SSM6N15FU(TE85R)



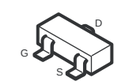
2SB1122-S
2SB1122-ST-TD-E
2SD1621-ST
2SD1621ST-TD-E



2SD2114KT146

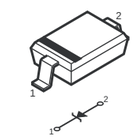


2SK2158-T2B



DIODE

BAS316-115
EP05FA20
MM3Z10VT1
MM3Z11VT1
MM3Z13VT1
MM3Z18VST1
MM3Z22VT1
MM3Z2V4T1
MM3Z5V6ST1
MM3Z6V2ST1
MM3Z6V8ST1
MM3Z8V2ST1



BAT54HT1
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HZU5.6GTRF
MA113-(TX)
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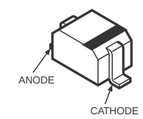
RD5.6SB-T1
UDZ-TE-17-18B
UDZ-TE-17-6.2B
UDZ-TE-17-6.8B



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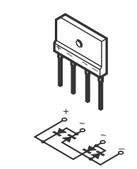
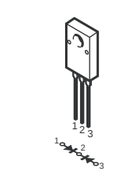
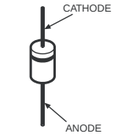
D10SBS4F
D2SB60A-F04
D4SB60L



D10SC6M



D1NL40-TA2
D1NL40-TR2
ERA22-08



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D1NS6-TR
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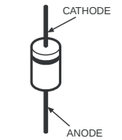
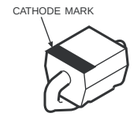
10ERB20-TB3
1N5404TU



EC10QS-04
EC10QS04-TE12L5



EC21QS03L-TE12L
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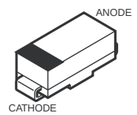
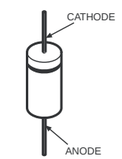
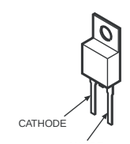
PTZ-TE25-3.9B



ERA22-08KFLB



FSF05A60



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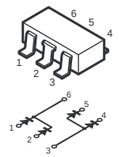
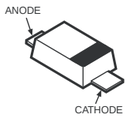
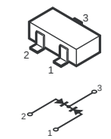
HN1D03FU-TE85R



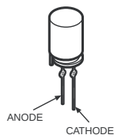
M1FM3



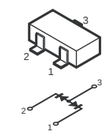
MA132WK
MA132WK-TX
MA151WK-TX
1SS184



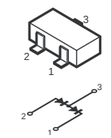
UDZSTE-1710B



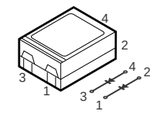
UMZ16NT106



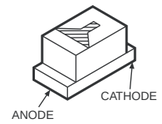
1PS302



SML-020MVT-T86



SML-310LTT86



SECTION 4: EXPLODED VIEWS

Components not identified by a part number or description are not stocked because they are seldom required for routine service.

The component parts of an assembly are indicated by the reference numbers in the far right column of the parts list and within the dotted lines of the diagram.

* Items marked with an asterisk are not stocked since they are seldom required for routine service. Expect some delay when ordering these components.

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

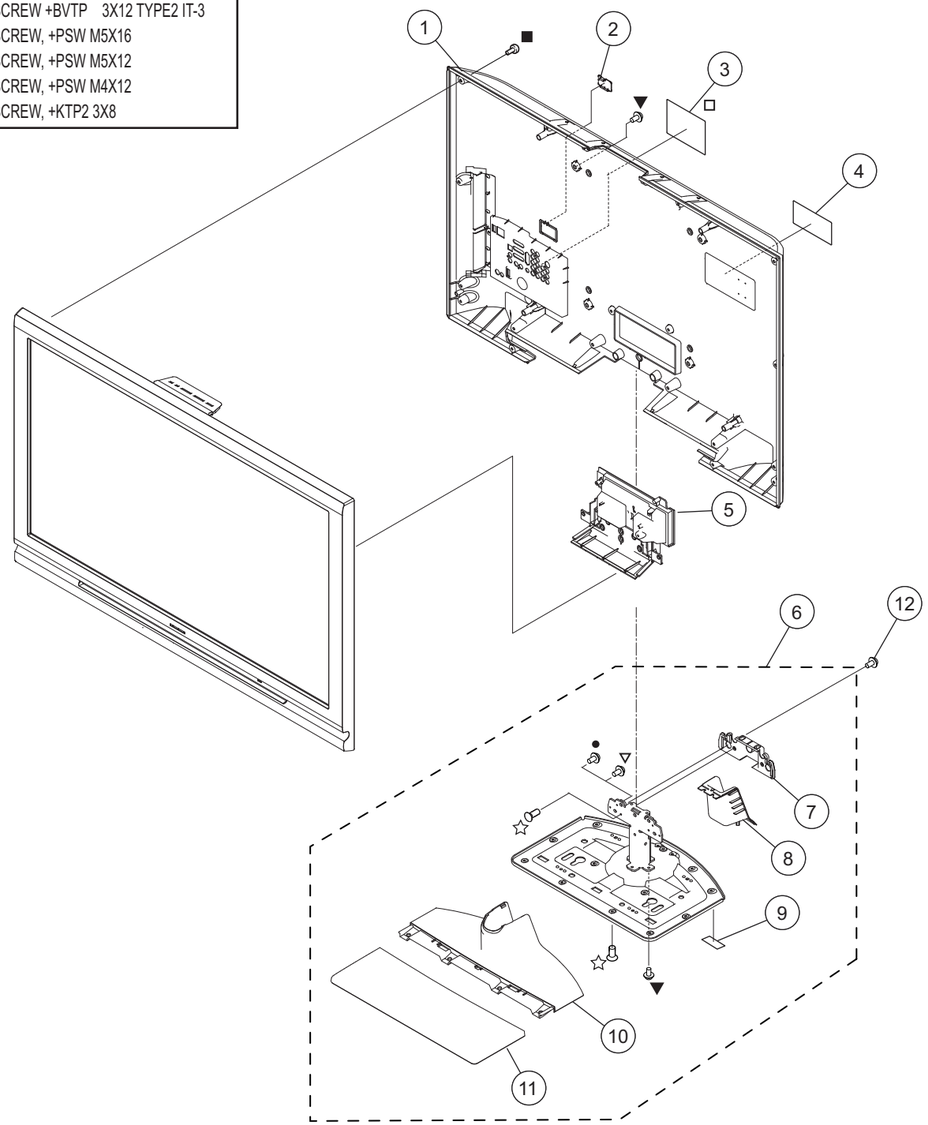
NOTE: Les composants identifies par un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

☛4-1. REAR COVER ASSEMBLY AND TABLE-TOP STAND ASSEMBLY

(Check the Sony Electronics Service Information website for any additional service related issues for this model.)

■	2-580-640-01	SCREW, +BVTP2 4X16
□	7-685-648-79	SCREW +BVTP 3X12 TYPE2 IT-3
▼	2-580-608-01	SCREW, +PSW M5X16
▽	2-580-607-01	SCREW, +PSW M5X12
●	2-580-602-01	SCREW, +PSW M4X12
☆	2-580-644-01	SCREW, +KTP2 3X8



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
1	3-290-822-01	COVER, REAR (46)	
2	3-297-324-01	COVER, ECS	
3	3-298-457-11	LABEL, TERMINAL	
* 4	3-879-890-01	LABEL, INFORMATION	
5	3-290-804-01	COVER, UNDER (L2)	

REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
☛ 6	A-1526-338-A	TABLE-TOP STAND ASSEMBLY (L)	[7-11]
7	3-290-812-01	COVER, EDGE (L/ML)	
8	3-290-831-01	COVER, USER(L)	
9	3-295-631-01	FOOT (15X20)	
10	3-290-914-01	COVER, NECK (L)	
11	3-290-915-01	COVER, STAND (L)	
☛ 12	2-580-608-01	SCREW, +PSW M5X16	
		(SCREWS TO ATTACH TABLE-TOP STAND TO TV)	
		For product protection and safety reasons, Sony strongly recommends that you use the screws provided with the TV.	
		CAUTION: These screws cannot be used to secure the TV to Wall Mount Brackets.	

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

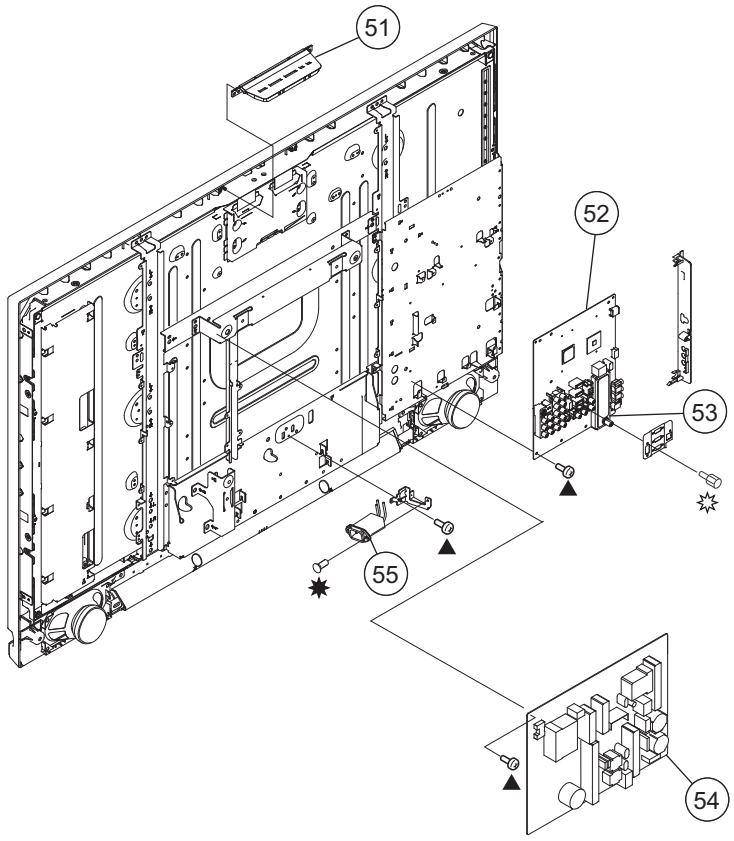
NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

4-2. CHASSIS

(Check the Sony Electronics Service Information website for any additional service related issues for this model.)

▲	2-580-629-01	SCREW, +BVST 3X8
✸	2-596-649-01	+KTT 3X10 (S TYPE)
✲	4-635-966-01	SCREW (HEX)



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
51	1-480-706-11	SWITCH UNIT	
		(CONTAINS H1 BOARD)	
🔒 52	N/A	BU BOARD, COMPLETE	
		FOR ALL MAIN BOARD PART NUMBER INFORMATION	
		REFER TO THE LCD PANELS SERVICE MANUAL	

REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
53	8-597-661-00	TUNER, FSS BTF-CA422T	
54	N/A	IP5Z BOARD, COMPLETE	
		FOR ALL POWER BOARD PART NUMBER INFORMATION	
		REFER TO THE LCD PANELS SERVICE MANUAL	
⚠ 55	1-821-909-11	AC INLET	

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

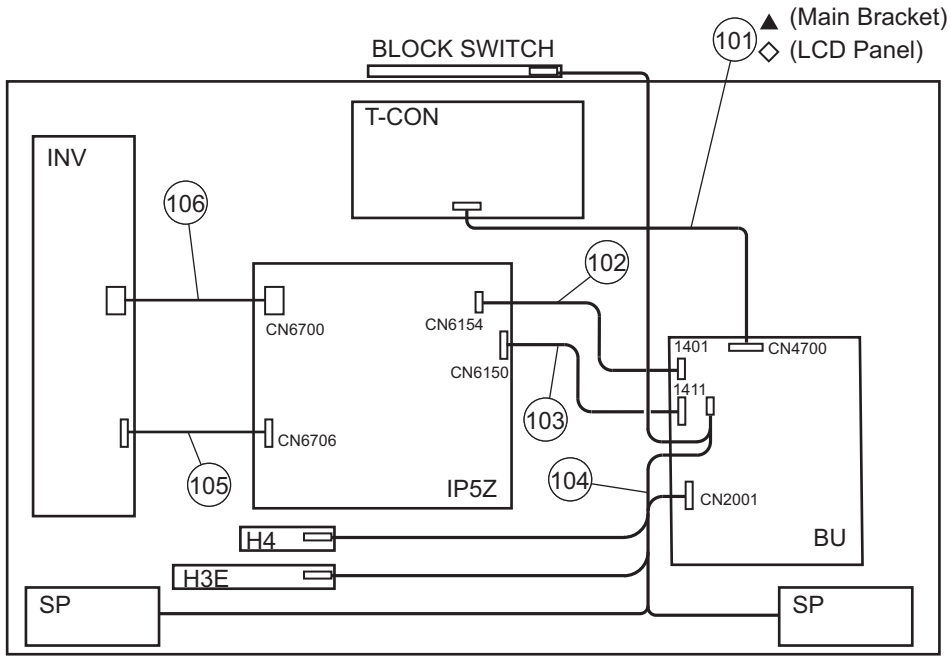
NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

4-3. CONNECTORS

(Check the Sony Electronics Service Information website for any additional service related issues for this model.)

▲	2-580-629-01	SCREW, +BVST 3X8
◇	2-580-591-01	SCREW, +PSW M3X5

NOTE: The LVDS cable can only be installed one way. There is colored tape on the cable to determine which side is attached to the TCON and which side is attached to the BU Board. Refer to Wire Dressing Illustration on Page 32.



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
101	1-835-270-11	LEAD WIRE WITH CONNECTOR (LVDS)	
102	1-910-043-92	CONNECTOR ASSEMBLY, 5P	
103	1-910-043-91	CONNECTOR ASSEMBLY, 13P	
104	1-910-043-93	HARNESS ASSEMBLY, 30P	
105	1-910-043-94	CONNECTOR ASSEMBLY, 9P	
* 106	1-835-148-11	CONNECTOR ASSEMBLY, MDF61	

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

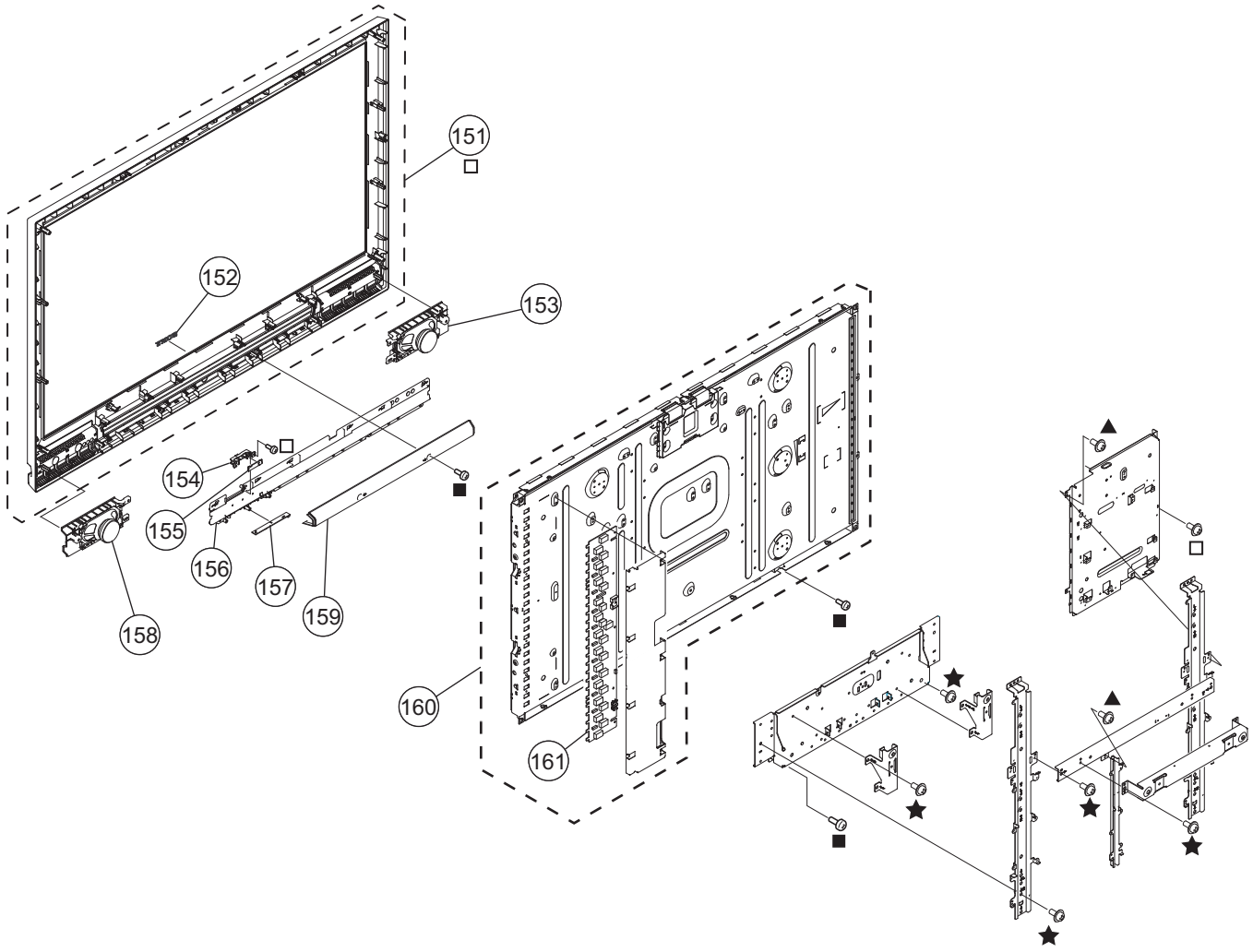
NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

4-4. BEZEL ASSEMBLY AND LCD PANEL

(Check the Sony Electronics Service Information website for any additional service related issues for this model.)

■	2-580-640-01	SCREW, +BVTP2 4X16
□	7-685-648-79	SCREW +BVTP 3X12 TYPE2 IT-3
★	2-580-606-01	SCREW, +PSW M5X8
▲	2-580-629-01	SCREW, +BVST 3X8



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
151	X-2188-838-1	BEZEL ASSEMBLY (46AM)	[152]
152	2-635-749-11	EMBLEM, SONY NO.9	
153	1-826-890-12	LOUDSPEAKER (6.5X15CM)	
154	3-290-800-01	GUIDE, LIGHT	
155	A-1494-139-A	H4 BOARD, MOUNTED	

	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
*	156	3-290-821-01	PANEL, CLEAR (46)	
	157	A-1550-477-A	H3E BOARD, MOUNTED	
	158	1-826-890-22	LOUDSPEAKER (6.5X15CM)	
	159	3-290-824-11	BAR, UNDER (L)	
☛	160	N/A	LCD PANEL (46INCH FHD TFT)	[161]
			FOR ALL LCD PANEL PART NUMBER INFORMATION REFER TO THE LCD PANELS SERVICE MANUAL	
☛	161	N/A	(BALANCER) ETC-INVERTER MT BOARD	
			FOR ALL (BALANCER) ETC-INVERTER MT BOARD PART NUMBER INFORMATION REFER TO THE LCD PANELS SERVICE MANUAL	

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

4-5. SCREW LEGEND

(Check the Sony Electronics Service Information website for any additional service related issues for this model.)

	P/N	DISCRIPTION	REMARKS	TOTAL
■	2-580-640-01	SCREW, +BVTP2 4X16	REAR COVER-21 UNDER BAR-2 LCD-2 BOTTOM BRKT-4	29
□	7-685-648-79	SCREW +BVTP 3X12 TYPE2 IT-3	BEZEL-4 REAR COVER-2 GUIDE LIGHT-1 MAIN BRKT-1	8
▼	2-580-608-01	SCREW, +PSW M5X16	REAR COVER-6 TABLE-TOP STAND-4 STAND BASE-4	14
▽	2-580-607-01	SCREW, +PSW M5X12	STAND-5	5
●	2-580-602-01	SCREW, +PSW M4X12	STAND-2	2
☆	2-580-644-01	SCREW, +KTP2 3X8	STAND-14 EDGE COVER-2	16
★	2-580-606-01	SCREW, +PSW M5X8	SPINE-10 VESA TOP-2 VESA BOTTOM-4 BOTTOM FRAME-1 CENTER FRAME-2	19
○	2-580-600-01	SCREW, +PSW M4X8	EARTH LEAD-1	1
▲	2-580-629-01	SCREW, +BVST 3X8	G FRAME-2 MAIN BRKT-3 LVDS-1 IP5-6 BU-9 AC BRKT-1 G SUPPORT-2	24
✡	4-635-966-01	SCREW (HEX)	HDMI - 2	2
✸	2-596-649-01	+KTT 3X10 (S TYPE)	AC INLET - 2	2
◇	2-580-591-01	SCREW, +PSW M3X5	LVDS-1	1

SECTION 5: ELECTRICAL PARTS LIST

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

* Items marked with an asterisk are not stocked since they are seldom required for routine service. Expect some delay when ordering these components.

NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

BU

RESISTORS
- All resistors are in ohms
- F : nonflammable
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

When ordering parts by reference number, please include the board name.

BU

REF. NO.	PART NO.	DESCRIPTION	VALUES		
🔒	N/A	BU BOARD, COMPLETE			
		FOR ALL MAIN BOARD PART NUMBER INFORMATION			
		REFER TO THE LCD PANELS SERVICE MANUAL			
	CAPACITOR				
C1001	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C1002	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C1003	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C1004	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C1005	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C1052	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C1053	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C1101	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C1102	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C1103	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C1104	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C1204	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C1210	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C1211	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C1212	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C1213	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C1214	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C1215	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C1223	1-218-953-11	RES-CHIP	1K	5%	1/16W
C1301	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C1302	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C1303	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C1304	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C1305	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C1306	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C1307	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C1308	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C1309	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C1310	1-100-766-21	ELECT CHIP	47µF	20%	16V
C1401	1-114-353-11	CAP, CERAMIC	0.01MF X7R (1410)		
C1403	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C1405	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C1411	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C1420	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C1421	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2001	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2003	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2004	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2006	1-114-354-11	CAP, CERAMIC	0.1MF X7R (1410)		
C2008	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2009	1-135-366-11	ELECT CHIP	100µF	20%	16V
C2010	1-114-354-11	CAP, CERAMIC	0.1MF X7R (1410)		
C2011	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C2013	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2015	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C2016	1-135-366-11	ELECT CHIP	100µF	20%	16V
C2018	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2019	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2021	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2022	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2023	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2024	1-114-354-11	CAP, CERAMIC	0.1MF X7R (1410)		
C2025	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C2026	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C2027	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2028	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C2029	1-114-354-11	CAP, CERAMIC	0.1MF X7R (1410)		
C2030	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C2031	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2032	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V

BU

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C2033	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2034	1-135-366-11	ELECT CHIP	100µF	20%	16V
C2035	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2036	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C2037	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2038	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2039	1-114-354-11	CAP, CERAMIC	0.1MF X7R (1410)		
C2040	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2041	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2042	1-164-849-11	CERAMIC CHIP	9pF	0.50pF	50V
C2043	1-164-849-11	CERAMIC CHIP	9pF	0.50pF	50V
C2044	1-114-410-21	CERAMIC CHIP	680pF	2%	50V
C2046	1-114-410-21	CERAMIC CHIP	680pF	2%	50V
C2047	1-114-410-21	CERAMIC CHIP	680pF	2%	50V
C2048	1-114-410-21	CERAMIC CHIP	680pF	2%	50V
C2049	1-114-214-81	CERAMIC CHIP	470pF	5%	50V
C2050	1-114-214-81	CERAMIC CHIP	470pF	5%	50V
C2051	1-114-214-81	CERAMIC CHIP	470pF	5%	50V
C2052	1-114-214-81	CERAMIC CHIP	470pF	5%	50V
C2053	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C2054	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2055	1-112-065-11	CERAMIC CHIP	4.7µF	10%	16V
C2056	1-112-065-11	CERAMIC CHIP	4.7µF	10%	16V
C2057	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C2059	1-114-214-81	CERAMIC CHIP	470pF	5%	50V
C2060	1-114-214-81	CERAMIC CHIP	470pF	5%	50V
C2061	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C2062	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C2063	1-114-214-81	CERAMIC CHIP	470pF	5%	50V
C2064	1-114-214-81	CERAMIC CHIP	470pF	5%	50V
C2065	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2066	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2067	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2068	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2069	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2070	1-114-193-11	ELECT CHIP	470µF	20%	25V
C2071	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C2072	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C2073	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2076	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C2077	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2078	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C2080	1-114-326-11	CERAMIC CHIP	0.22µF	10%	25V
C2081	1-114-326-11	CERAMIC CHIP	0.22µF	10%	25V
C2082	1-114-326-11	CERAMIC CHIP	0.22µF	10%	25V
C2083	1-114-326-11	CERAMIC CHIP	0.22µF	10%	25V
C2084	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C2085	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C2088	1-114-193-11	ELECT CHIP	470µF	20%	25V
C2089	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C2090	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C2091	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C2092	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C2093	1-114-193-11	ELECT CHIP	470µF	20%	25V
C2096	1-165-818-91	CERAMIC CHIP	0.68µF	10%	25V
C2097	1-165-818-91	CERAMIC CHIP	0.68µF	10%	25V
C2098	1-165-818-91	CERAMIC CHIP	0.68µF	10%	25V
C2099	1-165-818-91	CERAMIC CHIP	0.68µF	10%	25V
C2100	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C2101	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C2125	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C2126	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C2127	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C2128	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2129	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C3001	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C3002	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C3003	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C3004	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C3006	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3008	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C3009	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C3012	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C3013	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C3014	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C3015	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C3016	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3021	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3022	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3023	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3024	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3025	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3026	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C3027	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C3030	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3031	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C3032	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3033	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C3202	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C3203	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V

BU

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C3205	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C3207	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3209	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C3213	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C3214	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C3403	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C3502	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C3503	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3506	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3509	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3512	1-162-912-11	CERAMIC CHIP	7pF	0.50pF	50V
C3514	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C3515	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3531	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C3541	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C4700	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4701	1-164-840-11	CERAMIC CHIP	1pF	0.25pF	50V
C4702	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4703	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4704	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4705	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4706	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4707	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4708	1-164-840-11	CERAMIC CHIP	1pF	0.25pF	50V
C4709	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4710	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4711	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4712	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4713	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4714	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4715	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4716	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4717	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4719	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C4720	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4721	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4722	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4723	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C4724	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C4725	1-114-332-11	CERAMIC CHIP	22µF	10%	6.3V
C4728	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C4734	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4739	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C4740	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4741	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4744	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C4746	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4748	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4749	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4750	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4751	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4752	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4753	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4754	1-114-332-11	CERAMIC CHIP	22µF	10%	6.3V
C4756	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4758	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4760	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4762	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4764	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4765	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4766	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4767	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4769	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4776	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4777	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4780	1-114-332-11	CERAMIC CHIP	22µF	10%	6.3V
C4784	1-114-332-11	CERAMIC CHIP	22µF	10%	6.3V
C4785	1-114-332-11	CERAMIC CHIP	22µF	10%	6.3V
C4786	1-114-332-11	CERAMIC CHIP	22µF	10%	6.3V
C4787	1-114-332-11	CERAMIC CHIP	22µF	10%	6.3V
C4788	1-114-332-11	CERAMIC CHIP	22µF	10%	6.3V
C4900	1-135-366-11	ELECT CHIP	100µF	20%	16V
C4901	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C4902	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4903	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4904	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C4905	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4906	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C4907	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4908	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4909	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4910	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C4911	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4912	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C4913	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C4914	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4915	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C4916	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C4917	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4918	1-114-332-11	CERAMIC CHIP	22µF	10%	6.3V

BU

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C4919	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C4920	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4921	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C4922	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C4923	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4925	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C4926	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4928	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4929	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4930	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4931	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4932	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4933	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4934	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4935	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4936	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4937	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4938	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4939	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4940	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C4941	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C4942	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C4943	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C4944	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C4945	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C4948	1-114-332-11	CERAMIC CHIP	22µF	10%	6.3V
C5002	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C5005	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C5006	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C5008	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C5009	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C5101	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C5102	1-114-353-11	CAP, CERAMIC	0.01MF X7R (1410)		
C5131	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C5132	1-114-353-11	CAP, CERAMIC	0.01MF X7R (1410)		
C5162	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C5192	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C5211	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C5264	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C5265	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C5266	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C5267	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C5302	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C5303	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C5308	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C5309	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C5313	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C5319	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C5321	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C5325	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7028	1-112-065-11	CERAMIC CHIP	4.7µF	10%	16V
C7030	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7037	1-135-366-11	ELECT CHIP	100µF	20%	16V
C7038	1-135-366-11	ELECT CHIP	100µF	20%	16V
C7042	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C7043	1-114-334-11	CERAMIC CHIP	10µF	10%	25V
C7045	1-114-334-11	CERAMIC CHIP	10µF	10%	25V
C7046	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7047	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7048	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C7049	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C7050	1-164-878-11	CERAMIC CHIP	150pF	5%	50V
C7051	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7052	1-127-988-81	CERAMIC CHIP	0.015µF	10%	16V
C7053	1-164-858-11	CERAMIC CHIP	22pF	5%	50V
C7054	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7055	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C7056	1-114-320-11	CERAMIC CHIP	0.22µF	10%	6.3V
C7057	1-127-988-81	CERAMIC CHIP	0.015µF	10%	16V
C7058	1-127-988-81	CERAMIC CHIP	0.015µF	10%	16V
C7059	1-164-858-11	CERAMIC CHIP	22pF	5%	50V
C7060	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7061	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C7062	1-114-320-11	CERAMIC CHIP	0.22µF	10%	6.3V
C7063	1-127-988-81	CERAMIC CHIP	0.015µF	10%	16V
C7064	1-164-938-11	CERAMIC CHIP	0.0015µF	10%	50V
C7065	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C7066	1-100-904-11	CERAMIC CHIP	330pF	10%	50V
C7067	1-164-882-11	CERAMIC CHIP	220pF	5%	16V
C7068	1-164-882-11	CERAMIC CHIP	220pF	5%	16V
C7069	1-164-882-11	CERAMIC CHIP	220pF	5%	16V
C7070	1-114-334-11	CERAMIC CHIP	10µF	10%	25V
C7071	1-114-334-11	CERAMIC CHIP	10µF	10%	25V
C7072	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C7073	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C7074	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C7075	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C7076	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C7077	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C7078	1-112-781-11	CERAMIC CHIP	1µF	10%	10V

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7079	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C7080	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C7081	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C7082	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C7083	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C7084	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C7085	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C7086	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C7087	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C7092	1-114-334-11	CERAMIC CHIP	10µF	10%	25V
C7093	1-114-334-11	CERAMIC CHIP	10µF	10%	25V
C7094	1-114-334-11	CERAMIC CHIP	10µF	10%	25V
C7095	1-114-334-11	CERAMIC CHIP	10µF	10%	25V
C7096	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7097	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C7098	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C7099	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7100	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7101	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C7102	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C7103	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7104	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7105	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7106	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7107	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7108	1-100-767-21	ELECT CHIP	220µF	20%	16V
C7109	1-100-767-21	ELECT CHIP	220µF	20%	16V
C7110	1-100-767-21	ELECT CHIP	220µF	20%	16V
C7112	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7114	1-100-767-21	ELECT CHIP	220µF	20%	16V
C7115	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C7116	1-100-767-21	ELECT CHIP	220µF	20%	16V
C7117	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C7118	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7120	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C7121	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7130	1-135-366-11	ELECT CHIP	100µF	20%	16V
C7131	1-114-334-11	CERAMIC CHIP	10µF	10%	25V
C7132	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C7135	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C7136	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C7137	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7138	1-127-988-81	CERAMIC CHIP	0.015µF	10%	16V
C7139	1-164-858-11	CERAMIC CHIP	22pF	5%	50V
C7140	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7141	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C7142	1-114-320-11	CERAMIC CHIP	0.22µF	10%	6.3V
C7143	1-127-988-81	CERAMIC CHIP	0.015µF	10%	16V
C7144	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C7145	1-164-882-11	CERAMIC CHIP	220pF	5%	16V
C7146	1-100-904-11	CERAMIC CHIP	330pF	10%	50V
C7147	1-114-334-11	CERAMIC CHIP	10µF	10%	25V
C7148	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C7149	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C7150	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C7151	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C7152	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C7153	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C7154	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C7155	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C7158	1-114-334-11	CERAMIC CHIP	10µF	10%	25V
C7159	1-114-334-11	CERAMIC CHIP	10µF	10%	25V
C7160	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C7161	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7162	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C7163	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7164	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7165	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7166	1-100-767-21	ELECT CHIP	220µF	20%	16V
C7167	1-100-767-21	ELECT CHIP	220µF	20%	16V
C7168	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7174	1-100-767-21	ELECT CHIP	220µF	20%	16V
C7175	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C7176	1-114-183-11	ELECT CHIP	1000µF	20%	6.3V
C7177	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C7179	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7180	1-114-334-11	CERAMIC CHIP	10µF	10%	25V
C7182	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7183	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7184	1-100-767-21	ELECT CHIP	220µF	20%	16V
C7200	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7201	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7202	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7203	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7204	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7205	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7206	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7207	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7208	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7209	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V

BU

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7210	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7211	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7212	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7213	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7214	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7215	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7216	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7217	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7218	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7219	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7220	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7221	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7222	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7223	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7224	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7225	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7226	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7227	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7228	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7229	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7230	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7231	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7232	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7233	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7234	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7235	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7236	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7237	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7238	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7239	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7240	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7241	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7242	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7243	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7244	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7245	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7246	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7247	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7248	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7249	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7250	1-112-786-11	ELECT CHIP	330µF	20%	4V
C7251	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7252	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7253	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7254	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7255	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7256	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7257	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7258	1-114-332-11	CERAMIC CHIP	22µF	10%	6.3V
C7259	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7260	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7261	1-164-850-11	CERAMIC CHIP	10pF	0.50pF	50V
C7262	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7264	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7265	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7266	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7268	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7269	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7271	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C7273	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7275	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7279	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7283	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7284	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7285	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7289	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7290	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7291	1-164-854-11	CERAMIC CHIP	15pF	5%	50V
C7292	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7293	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C7296	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7298	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7299	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7300	1-135-366-11	ELECT CHIP	100µF	20%	16V
C7301	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C7303	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7305	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7307	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7309	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7310	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7311	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7312	1-100-767-21	ELECT CHIP	220µF	20%	16V
C7313	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7314	1-114-320-11	CERAMIC CHIP	0.22µF	10%	6.3V
C7316	1-114-332-11	CERAMIC CHIP	22µF	10%	6.3V
C7317	1-112-786-11	ELECT CHIP	330µF	20%	4V
C7400	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7401	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7402	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7403	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V

BU

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7404	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7405	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7406	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7407	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7408	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7409	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7410	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7411	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7412	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7413	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7414	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7415	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7416	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7417	1-114-332-11	CERAMIC CHIP	22µF	10%	6.3V
C7418	1-114-332-11	CERAMIC CHIP	22µF	10%	6.3V
C7419	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7420	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7421	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7422	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C7423	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7425	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7504	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7505	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C7506	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7513	1-112-064-11	CERAMIC CHIP	2.2µF	10%	10V
C7514	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7515	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7516	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7517	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7518	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7519	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C7520	1-135-366-11	ELECT CHIP	100µF	20%	16V
C7521	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7525	1-135-366-11	ELECT CHIP	100µF	20%	16V
C7530	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C7535	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7539	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C7560	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C7566	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C7600	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7601	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7602	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7603	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7605	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7607	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7609	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7611	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7615	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7619	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7626	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7627	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7628	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7630	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7631	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7632	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7633	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7635	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7636	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7638	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7647	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7648	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7649	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C7655	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7658	1-114-320-11	CERAMIC CHIP	0.22µF	10%	6.3V
C7661	1-100-766-21	ELECT CHIP	47µF	20%	16V
C7662	1-112-775-11	CERAMIC CHIP	0.0022µF	10%	50V
C7665	1-112-776-11	CERAMIC CHIP	0.0047µF	10%	50V
C7667	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C7668	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7671	1-100-766-21	ELECT CHIP	47µF	20%	16V
C7675	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C7676	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C7677	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7678	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7679	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C7680	1-164-840-11	CERAMIC CHIP	1pF	0.25pF	50V
C7681	1-164-840-11	CERAMIC CHIP	1pF	0.25pF	50V
C7688	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7689	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7697	1-112-001-81	CERAMIC CHIP	270pF	5%	50V
C7698	1-135-366-11	ELECT CHIP	100µF	20%	16V
C7699	1-112-001-81	CERAMIC CHIP	270pF	5%	50V
C7700	1-100-766-21	ELECT CHIP	47µF	20%	16V
C7703	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C7704	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7705	1-114-183-11	ELECT CHIP	1000µF	20%	6.3V
C7707	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C7709	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C7710	1-100-769-21	ELECT CHIP	470µF	20%	16V
C7712	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

BU

	REF. NO.	PART NO.	DESCRIPTION	VALUES		
	C7713	1-114-332-11	CERAMIC CHIP	22µF	10%	6.3V
	C7714	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
	C7716	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
	C7717	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
	C7718	1-100-769-21	ELECT CHIP	470µF	20%	16V
	C7719	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
	C7721	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
	C7722	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
	C7726	1-164-866-11	CERAMIC CHIP	47pF	5%	50V
	C7727	1-164-866-11	CERAMIC CHIP	47pF	5%	50V
	C7728	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
	C7802	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
	C7803	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
	C7804	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
	C7850	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
	C7851	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
	C7852	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
	C7853	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
	C7854	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
	C7855	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
	C7860	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
	C7861	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
		CONNECTOR				
*	CN1401	1-819-475-11	HEADER ASSEMBLY FOR PWB			
	CN1411	1-819-797-11	HEADER ASSEMBLY FOR PWB			
*	CN2001	1-819-461-11	HEADER ASSEMBLY FOR PWB			
	CN3001	1-779-331-51	CONNECTOR, FFC/FPC		14P	
*	CN3201	1-820-235-11	HEADER ASSEMBLY		30P	
	CN3251	1-779-936-51	CONNECTOR, FFC/FPC		18P	
	CN7507	1-819-866-11	CONNECTOR, USB (A)			
	CN7850	1-816-113-21	CONNECTOR		15P	
		DIODE				
	D1410	6-501-717-01	DIODE	MAZ8039G0LS0		
	D1421	6-501-774-01	DIODE	MAZ8150G0LS0		
⚠	D2000	6-501-732-01	DIODE	MAZ8056G0LS0		
⚠	D2001	6-501-732-01	DIODE	MAZ8056G0LS0		
⚠	D2002	6-501-732-01	DIODE	MAZ8056G0LS0		
⚠	D2003	6-501-732-01	DIODE	MAZ8056G0LS0		
	D2005	6-501-732-01	DIODE	MAZ8056G0LS0		
	D4701	8-719-071-34	DIODE	RB521S-30-TE61		
	D5003	6-502-318-01	DIODE	MA4J1130GLS0		
	D5101	6-502-318-01	DIODE	MA4J1130GLS0		

	REF. NO.	PART NO.	DESCRIPTION	VALUES	
	D5131	6-502-318-01	DIODE	MA4J1130GLS0	
	D5161	6-502-318-01	DIODE	MA4J1130GLS0	
	D5191	6-502-318-01	DIODE	MA4J1130GLS0	
	D5291	6-500-813-01	DIODE	MA2SD32008S0	
	D5292	6-501-817-01	DIODE	MA2J1110GLS0	
	D5293	6-502-318-01	DIODE	MA4J1130GLS0	
	D5294	6-502-318-01	DIODE	MA4J1130GLS0	
	D7017	6-501-717-01	DIODE	MAZ8039G0LS0	
	D7018	6-501-817-01	DIODE	MA2J1110GLS0	
	D7101	6-501-740-01	DIODE	MAZ8068G0LS0	
	D7132	6-501-657-01	DIODE	MA24D5000BS0	
	D7500	8-719-053-07	DIODE	SML-310MTT86	
	D7600	6-500-813-01	DIODE	MA2SD32008S0	
		FUSE			
⚠	F1422	1-576-933-21	FUSE	5A	24V
⚠	F2000	1-576-913-11	FUSE	1.6A	36V
⚠	F2001	1-576-933-21	FUSE	5A	24V
⚠	F7003	1-576-933-21	FUSE	5A	24V
⚠	F7005	1-576-913-11	FUSE	1.6A	36V
⚠	F7006	1-576-913-11	FUSE	1.6A	36V
		FERRITE BEAD			
	FB1301	1-400-180-21	FERRITE	0µH	
	FB1401	1-500-922-11	FERRITE	0µH	
	FB1402	1-500-922-11	FERRITE	0µH	
	FB1403	1-400-180-21	FERRITE	0µH	
	FB2000	1-400-089-21	FERRITE	0µH	
	FB2001	1-400-089-21	FERRITE	0µH	
	FB2002	1-400-089-21	FERRITE	0µH	
	FB2003	1-400-089-21	FERRITE	0µH	
	FB3001	1-400-180-21	FERRITE	0µH	
⚠	FB3201	1-500-922-11	FERRITE	0µH	
⚠	FB3202	1-500-922-11	FERRITE	0µH	
	FB3203	1-500-922-11	FERRITE	0µH	
⚠	FB3204	1-500-922-11	FERRITE	0µH	
	FB4703	1-400-180-21	FERRITE	0µH	
	FB4706	1-400-180-21	FERRITE	0µH	
	FB4707	1-400-180-21	FERRITE	0µH	
	FB4708	1-400-180-21	FERRITE	0µH	
	FB4710	1-469-669-21	FERRITE	0µH	
	FB4900	1-400-180-21	FERRITE	0µH	
⚠	FB4901	1-400-462-21	FERRITE	0µH	

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

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BU

	REF. NO.	PART NO.	DESCRIPTION	VALUES
	FB4902	1-400-180-21	FERRITE	0µH
	FB4903	1-400-462-21	FERRITE	0µH
	FB5001	1-216-864-11	SHORT CHIP	
	FB5002	1-216-864-11	SHORT CHIP	
	FB5003	1-216-864-11	SHORT CHIP	
	FB5004	1-400-180-21	FERRITE	0µH
	FB7007	1-469-669-21	FERRITE	0µH
⚠	FB7201	1-400-180-21	FERRITE	0µH
⚠	FB7203	1-400-180-21	FERRITE	0µH
⚠	FB7205	1-400-180-21	FERRITE	0µH
⚠	FB7207	1-400-180-21	FERRITE	0µH
	FB7400	1-400-180-21	FERRITE	0µH
	FB7401	1-400-180-21	FERRITE	0µH
	FB7510	1-400-089-21	FERRITE	0µH
	FB7511	1-400-089-21	FERRITE	0µH
	FB7512	1-400-179-21	FERRITE	0µH
	FB7513	1-400-179-21	FERRITE	0µH
	FB7611	1-400-834-11	FERRITE	0µH
	FB7612	1-500-922-11	FERRITE	0µH
	FB7613	1-400-834-11	FERRITE	0µH
	FB7614	1-400-834-11	FERRITE	0µH
⚠	FB7850	1-400-834-11	FERRITE	0µH
	FB7860	1-400-834-11	FERRITE	0µH

FILTER

	FL3001	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
	FL4700	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
	FL4701	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
	FL4702	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
	FL4703	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
	FL4705	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
	FL4706	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
	FL4707	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
	FL5101	1-456-844-11	INDUCTOR	0µH
	FL5102	1-456-844-11	INDUCTOR	0µH
	FL5131	1-456-844-11	INDUCTOR	0µH
	FL5132	1-456-844-11	INDUCTOR	0µH
	FL5161	1-456-844-11	INDUCTOR	0µH
	FL5162	1-456-844-11	INDUCTOR	0µH
	FL5191	1-456-844-11	INDUCTOR	0µH
	FL5192	1-456-844-11	INDUCTOR	0µH
	FL5261	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
	FL5262	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
	FL5263	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
	FL5264	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
	FL7200	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
	FL7201	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
	FL7202	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
	FL7500	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
	FL7600	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
	FL7601	1-234-939-21	FILTER, EMI REMOVAL (SMD)	

IC

	IC2000	6-706-489-01	IC	TC7SH32FU(T5RSOYJF)
⚠	IC2005	6-710-904-01	IC	TPA3100D2PHPR
	IC3001	6-708-219-01	IC	MB91305PMC-G-BNDE1
	IC3002	6-703-175-01	IC	PST3629UL
	IC3003	6-710-121-01	IC	M24256-BWMN6TP(A)
	IC3004	6-808-181-01	IC	S29AL016D70TFI010-X08000
	IC3201	6-712-419-01	IC	74AHC132PW-118
	IC3501	6-709-512-01	IC	S-1132B18-M5T1G
	IC3502	6-711-999-01	IC	MM3286EFBE
	IC3503	6-709-517-01	IC	S-35390A-J8T1G
	IC4701	8-759-592-44	IC	TC7SZ04FU(TE85R)
	IC4704	6-706-482-01	IC	TC7SH00FU(T5RSOYJF)
	IC4900	6-711-262-01	IC	HYB18TC256160BF-3S
	IC4901	6-711-262-01	IC	HYB18TC256160BF-3S
	IC5000	6-710-820-01	IC	S-24CS02AFJ-TB-G
	IC5001	6-708-132-01	IC	74LVC14APW
	IC5101	6-710-820-01	IC	S-24CS02AFJ-TB-G
	IC5131	6-710-820-01	IC	S-24CS02AFJ-TB-G
	IC5161	6-710-820-01	IC	S-24CS02AFJ-TB-G
	IC5191	6-710-820-01	IC	S-24CS02AFJ-TB-G
	IC5200	6-712-678-01	IC	AD8197B-ASTZ
	IC5211	6-708-758-01	IC	PCA9517DP.118
	IC5251	8-759-564-91	IC	74LVC08APW
	IC7000	6-713-003-01	IC	215-0684004-00
⚠	IC7005	6-703-708-01	IC	LM2903DT
⚠	IC7006	6-709-075-01	IC	TPS5124DBTRG4
⚠	IC7007	6-709-075-01	IC	TPS5124DBTRG4
	IC7130	6-703-175-01	IC	PST3629UL
⚠	IC7131	6-709-075-01	IC	TPS5124DBTRG4
	IC7132	6-704-407-01	IC	PQ1CZ41H2ZPH
	IC7200	6-703-175-01	IC	PST3629UL
	IC7400	6-706-487-01	IC	TC7SH08FU(T5RSOYJF)
	IC7403	6-702-688-01	IC	M24C64-WMN6T(B)
	IC7405	6-808-090-01	IC	M25P40-VMN6TPSO
	IC7500	6-710-840-01	IC	AK5358AET-E2

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BU

REF. NO.	PART NO.	DESCRIPTION	VALUES	
IC7501	6-711-288-01	IC	MIC2005-0.5YM6TR	
IC7600	8-759-338-95	IC	NJM2903V(TE2)	
IC7860	6-712-502-01	IC	74ALVC574PW-118	
	JACK			
J1051	1-821-115-11	PHON JACK (RIGHT ANGLE)		
J1101	1-821-881-11	PHONO JACK	10P	
J1201	1-821-844-11	OPTICAL OUT CONNECTOR		
J1203	1-821-826-11	JACK (SMALL TYPE)		
J5000	1-821-013-11	D SUB CONNECTOR		
	COIL			
L2001	1-400-179-21	FERRITE	0µH	
L2002	1-469-555-21	INDUCTOR	10µH	
L2004	1-457-429-11	INDUCTOR	22µH	
L2005	1-457-429-11	INDUCTOR	22µH	
L2006	1-457-429-11	INDUCTOR	22µH	
L2007	1-457-429-11	INDUCTOR	22µH	
L7002	1-400-325-11	INDUCTOR	5.6µH	
L7003	1-424-922-21	INDUCTOR	10µH	
L7004	1-400-281-11	INDUCTOR	10µH	
L7005	1-400-325-11	INDUCTOR	5.6µH	
L7006	1-416-740-11	INDUCTOR	10µH	
L7130	1-400-281-11	INDUCTOR	10µH	
L7131	1-400-193-11	INDUCTOR	3.3µH	
L7132	1-481-081-11	INDUCTOR	47µH	
L7500	1-456-984-11	INDUCTOR	0µH	
L7610	1-469-555-21	INDUCTOR	10µH	
L7611	1-412-972-31	INDUCTOR	0.27µH	
L7612	1-412-972-31	INDUCTOR	0.27µH	
L7613	1-469-555-21	INDUCTOR	10µH	
L7614	1-469-555-21	INDUCTOR	10µH	
⚠ L7617	1-469-555-21	INDUCTOR	10µH	
L7620	1-469-555-21	INDUCTOR	10µH	
L7622	1-469-555-21	INDUCTOR	10µH	
	IC LINK			
PS5000	1-576-646-11	FUSE	0.5A	50V
	TRANSISTOR			
Q1401	6-551-551-01	TRANSISTOR	RT3N77M-TP-1	
Q1423	6-550-369-01	TRANSISTOR	TPC8109(TE12L)	
Q1424	6-551-815-01	TRANSISTOR	UNR52A1G0LS0	
Q2000	6-551-815-01	TRANSISTOR	UNR52A1G0LS0	
Q2004	6-551-943-01	TRANSISTOR	RT3XBBM-T111-1	

REF. NO.	PART NO.	DESCRIPTION	VALUES
Q2007	6-551-690-01	TRANSISTOR	RT3N11M-TP-1
Q3004	6-551-321-01	TRANSISTOR	RT3WLMM-TP-1F
Q3007	6-551-815-01	TRANSISTOR	UNR52A1G0LS0
Q3201	6-551-939-01	TRANSISTOR	RT3TAAM-TP-1
Q3251	6-551-824-01	TRANSISTOR	UNR51A5G0LS0
Q3252	6-551-551-01	TRANSISTOR	RT3N77M-TP-1
Q3415	6-551-690-01	TRANSISTOR	RT3N11M-TP-1
Q5101	6-551-690-01	TRANSISTOR	RT3N11M-TP-1
Q5163	6-551-690-01	TRANSISTOR	RT3N11M-TP-1
Q5265	6-551-815-01	TRANSISTOR	UNR52A1G0LS0
Q7012	6-709-438-01	TRANSISTOR	FDS6986AS
⚠ Q7013	6-709-438-01	TRANSISTOR	FDS6986AS
⚠ Q7014	6-709-438-01	TRANSISTOR	FDS6986AS
⚠ Q7015	6-709-438-01	TRANSISTOR	FDS6986AS
Q7101	6-551-776-01	TRANSISTOR	2SC5950G0LS0
Q7130	6-551-776-01	TRANSISTOR	2SC5950G0LS0
Q7131	6-551-776-01	TRANSISTOR	2SC5950G0LS0
Q7132	6-709-438-01	TRANSISTOR	FDS6986AS
Q7133	6-551-580-01	TRANSISTOR	FDQ7238AS
Q7600	6-551-776-01	TRANSISTOR	2SC5950G0LS0
Q7601	6-551-775-01	TRANSISTOR	2SA2122G0LS0
Q7602	6-551-776-01	TRANSISTOR	2SC5950G0LS0
Q7604	6-551-775-01	TRANSISTOR	2SA2122G0LS0
Q7605	6-551-775-01	TRANSISTOR	2SA2122G0LS0
	RESISTOR		
R1004	1-211-990-11	METAL CHIP	75 0.50% 1/10W
R1005	1-218-989-11	RES-CHIP	1M 5% 1/16W
R1006	1-218-957-11	RES-CHIP	2.2K 5% 1/16W
R1007	1-218-989-11	RES-CHIP	1M 5% 1/16W
R1008	1-218-957-11	RES-CHIP	2.2K 5% 1/16W
R1009	1-218-989-11	RES-CHIP	1M 5% 1/16W
R1010	1-218-957-11	RES-CHIP	2.2K 5% 1/16W
R1011	1-218-989-11	RES-CHIP	1M 5% 1/16W
R1012	1-218-957-11	RES-CHIP	2.2K 5% 1/16W
R1021	1-211-990-11	METAL CHIP	75 0.50% 1/10W
R1023	1-211-990-11	METAL CHIP	75 0.50% 1/10W
R1025	1-211-990-11	METAL CHIP	75 0.50% 1/10W
R1051	1-218-965-11	RES-CHIP	10K 5% 1/16W
R1052	1-218-941-81	RES-CHIP	100 5% 1/16W
R1053	1-218-989-11	RES-CHIP	1M 5% 1/16W
R1054	1-218-957-11	RES-CHIP	2.2K 5% 1/16W
R1055	1-218-989-11	RES-CHIP	1M 5% 1/16W
R1056	1-218-957-11	RES-CHIP	2.2K 5% 1/16W
R1057	1-211-990-11	METAL CHIP	75 0.50% 1/10W
R1101	1-218-989-11	RES-CHIP	1M 5% 1/16W

BU

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R1102	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1103	1-218-989-11	RES-CHIP	1M	5%	1/16W
R1104	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1105	1-218-989-11	RES-CHIP	1M	5%	1/16W
R1106	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1107	1-218-989-11	RES-CHIP	1M	5%	1/16W
R1108	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1111	1-211-990-11	METAL CHIP	75	0.50%	1/10W
R1113	1-211-990-11	METAL CHIP	75	0.50%	1/10W
R1115	1-211-990-11	METAL CHIP	75	0.50%	1/10W
R1117	1-211-990-11	METAL CHIP	75	0.50%	1/10W
R1119	1-211-990-11	METAL CHIP	75	0.50%	1/10W
R1121	1-211-990-11	METAL CHIP	75	0.50%	1/10W
R1201	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1202	1-218-981-91	RES-CHIP	220K	5%	1/16W
R1203	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1204	1-218-981-91	RES-CHIP	220K	5%	1/16W
R1205	1-218-989-11	RES-CHIP	1M	5%	1/16W
R1206	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1207	1-218-989-11	RES-CHIP	1M	5%	1/16W
R1208	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1211	1-218-989-11	RES-CHIP	1M	5%	1/16W
R1212	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1214	1-218-989-11	RES-CHIP	1M	5%	1/16W
R1215	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1301	1-218-941-81	RES-CHIP	100	5%	1/16W
R1302	1-218-941-81	RES-CHIP	100	5%	1/16W
R1303	1-218-941-81	RES-CHIP	100	5%	1/16W
R1304	1-218-941-81	RES-CHIP	100	5%	1/16W
R1305	1-218-941-81	RES-CHIP	100	5%	1/16W
R1306	1-218-941-81	RES-CHIP	100	5%	1/16W
R1307	1-218-941-81	RES-CHIP	100	5%	1/16W
R1308	1-218-941-81	RES-CHIP	100	5%	1/16W
R1313	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R1314	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R1315	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R1316	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R1317	1-218-941-81	RES-CHIP	100	5%	1/16W
R1410	1-218-990-81	SHORT CHIP			
R1411	1-218-990-81	SHORT CHIP			
R1412	1-216-864-11	SHORT CHIP			
R1413	1-216-295-91	SHORT CHIP			
R1415	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1416	1-218-941-81	RES-CHIP	100	5%	1/16W
R1418	1-208-947-11	METAL CHIP	330K	0.50%	1/16W
R1420	1-218-983-11	RES-CHIP	330K	5%	1/16W
R1421	1-218-971-11	RES-CHIP	33K	5%	1/16W
R2006	1-218-990-81	SHORT CHIP			
R2008	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2009	1-218-990-81	SHORT CHIP			
R2022	1-218-945-11	RES-CHIP	220	5%	1/16W
R2023	1-218-945-11	RES-CHIP	220	5%	1/16W
R2024	1-218-989-11	RES-CHIP	1M	5%	1/16W
R2025	1-218-990-81	SHORT CHIP			
R2032	1-220-199-81	RES-CHIP	24K	5%	1/16W
R2035	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2044	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2065	1-218-990-81	SHORT CHIP			
R2066	1-218-990-81	SHORT CHIP			
R2093	1-218-941-11	RES-CHIP	100	5%	1/16W
R2102	1-218-990-81	SHORT CHIP			
R2103	1-218-990-81	SHORT CHIP			
R2109	1-218-990-81	SHORT CHIP			
R2110	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2113	1-218-990-81	SHORT CHIP			
R2115	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3002	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R3005	1-218-990-81	SHORT CHIP			
R3010	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3011	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R3012	1-218-941-81	RES-CHIP	100	5%	1/16W
R3013	1-218-945-11	RES-CHIP	220	5%	1/16W
R3014	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3016	1-218-973-11	RES-CHIP	47K	5%	1/16W
R3018	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3020	1-218-941-81	RES-CHIP	100	5%	1/16W
R3021	1-208-886-81	METAL CHIP	910	0.50%	1/16W
R3022	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3023	1-218-990-81	SHORT CHIP			
R3025	1-218-949-11	RES-CHIP	470	5%	1/16W
R3027	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R3035	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3036	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3038	1-218-990-81	SHORT CHIP			
R3205	1-218-941-81	RES-CHIP	100	5%	1/16W
R3210	1-218-945-11	RES-CHIP	220	5%	1/16W
R3252	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W
R3260	1-216-864-11	SHORT CHIP			
R3401	1-208-931-11	METAL CHIP	68K	0.50%	1/16W
R3402	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W

BU

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R3403	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R3411	1-218-977-11	RES-CHIP	100K	5%	1/16W
R3420	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3505	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3506	1-218-990-81	SHORT CHIP			
R4701	1-218-937-11	RES-CHIP	47	5%	1/16W
R4702	1-218-937-11	RES-CHIP	47	5%	1/16W
R4703	1-218-937-11	RES-CHIP	47	5%	1/16W
R4704	1-218-937-11	RES-CHIP	47	5%	1/16W
R4705	1-218-937-11	RES-CHIP	47	5%	1/16W
R4706	1-218-937-11	RES-CHIP	47	5%	1/16W
R4707	1-218-989-11	RES-CHIP	1M	5%	1/16W
R4709	1-216-864-11	SHORT CHIP			
R4710	1-218-990-81	SHORT CHIP			
R4713	1-216-864-11	SHORT CHIP			
R4714	1-218-937-11	RES-CHIP	47	5%	1/16W
R4716	1-216-864-11	SHORT CHIP			
R4717	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4718	1-216-864-11	SHORT CHIP			
R4720	1-218-990-81	SHORT CHIP			
R4726	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R4727	1-400-177-21	FERRITE	0µH		
R4729	1-218-937-11	RES-CHIP	47	5%	1/16W
R4730	1-218-937-11	RES-CHIP	47	5%	1/16W
R4731	1-218-937-11	RES-CHIP	47	5%	1/16W
R4732	1-216-864-11	SHORT CHIP			
R4733	1-400-177-21	FERRITE	0µH		
R4738	1-216-864-11	SHORT CHIP			
R4747	1-218-933-11	RES-CHIP	22	5%	1/16W
R4748	1-218-933-11	RES-CHIP	22	5%	1/16W
R4749	1-218-933-11	RES-CHIP	22	5%	1/16W
R4750	1-218-953-11	RES-CHIP	1K	5%	1/16W
R4818	1-218-990-81	SHORT CHIP			
R4900	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R4901	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R4902	1-218-933-11	RES-CHIP	22	5%	1/16W
R4903	1-218-929-11	RES-CHIP	10	5%	1/16W
R4904	1-218-929-11	RES-CHIP	10	5%	1/16W
R4905	1-218-933-11	RES-CHIP	22	5%	1/16W
R4906	1-218-947-11	RES-CHIP	330	5%	1/16W
R4907	1-218-947-11	RES-CHIP	330	5%	1/16W
R4908	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R4909	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R4910	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R4911	1-208-911-11	METAL CHIP	10K	0.50%	1/16W

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R5000	1-216-864-11	SHORT CHIP			
R5001	1-211-990-11	METAL CHIP	75	0.50%	1/10W
R5003	1-211-990-11	METAL CHIP	75	0.50%	1/10W
R5005	1-211-990-11	METAL CHIP	75	0.50%	1/10W
R5016	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5019	1-218-977-11	RES-CHIP	100K	5%	1/16W
R5029	1-218-933-11	RES-CHIP	22	5%	1/16W
R5030	1-218-933-11	RES-CHIP	22	5%	1/16W
R5101	1-218-929-11	RES-CHIP	10	5%	1/16W
R5102	1-218-973-11	RES-CHIP	47K	5%	1/16W
R5104	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R5107	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5108	1-218-941-81	RES-CHIP	100	5%	1/16W
R5131	1-218-929-11	RES-CHIP	10	5%	1/16W
R5132	1-218-973-11	RES-CHIP	47K	5%	1/16W
R5133	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R5137	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5172	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5176	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R5177	1-218-973-11	RES-CHIP	47K	5%	1/16W
R5178	1-218-929-11	RES-CHIP	10	5%	1/16W
R5202	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5206	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R5207	1-218-973-11	RES-CHIP	47K	5%	1/16W
R5208	1-218-929-11	RES-CHIP	10	5%	1/16W
R5300	1-218-970-11	RES-CHIP	27K	5%	1/16W
R5302	1-218-945-11	RES-CHIP	220	5%	1/16W
R5306	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R5307	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R5308	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R5309	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R5315	1-218-990-81	SHORT CHIP			
R5316	1-218-990-81	SHORT CHIP			
R5317	1-218-990-81	SHORT CHIP			
R5318	1-218-990-81	SHORT CHIP			
R5320	1-218-990-81	SHORT CHIP			
R5321	1-218-990-81	SHORT CHIP			
R5322	1-218-990-81	SHORT CHIP			
R5323	1-218-990-81	SHORT CHIP			
R7052	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R7053	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7060	1-216-821-11	METAL CHIP	1K	5%	1/10W
R7061	1-216-818-11	METAL CHIP	560	5%	1/10W
R7062	1-208-936-11	METAL CHIP	110K	0.50%	1/16W
R7063	1-208-935-11	METAL CHIP	100K	0.50%	1/16W

BU

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R7064	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7065	1-208-955-11	METAL CHIP	680K	0.50%	1/16W
R7069	1-218-977-11	RES-CHIP	100K	5%	1/16W
R7070	1-208-721-11	METAL CHIP	39K	0.50%	1/16W
R7071	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W
R7072	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W
R7073	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R7074	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R7075	1-208-715-11	METAL CHIP	22K	0.50%	1/16W
R7076	1-208-927-11	METAL CHIP	47K	0.50%	1/16W
R7077	1-208-927-11	METAL CHIP	47K	0.50%	1/16W
R7078	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R7079	1-208-947-11	METAL CHIP	330K	0.50%	1/16W
R7080	1-208-715-11	METAL CHIP	22K	0.50%	1/16W
R7081	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R7082	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R7083	1-218-941-81	RES-CHIP	100	5%	1/16W
R7084	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R7085	1-218-941-81	RES-CHIP	100	5%	1/16W
R7086	1-218-941-81	RES-CHIP	100	5%	1/16W
R7087	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R7088	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W
R7089	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W
R7090	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R7091	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R7092	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R7093	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R7094	1-218-937-11	RES-CHIP	47	5%	1/16W
R7095	1-218-937-11	RES-CHIP	47	5%	1/16W
R7096	1-218-937-11	RES-CHIP	47	5%	1/16W
R7097	1-218-937-11	RES-CHIP	47	5%	1/16W
R7098	1-218-990-81	SHORT CHIP			
R7099	1-218-990-81	SHORT CHIP			
R7100	1-208-709-11	METAL CHIP	12K	0.50%	1/16W
R7101	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R7102	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R7103	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R7104	1-218-990-81	SHORT CHIP			
R7105	1-218-990-81	SHORT CHIP			
R7106	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R7107	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R7108	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R7109	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R7114	1-218-949-11	RES-CHIP	470	5%	1/16W
R7118	1-216-864-11	SHORT CHIP			

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R7130	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R7131	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R7132	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7133	1-218-990-81	SHORT CHIP			
R7134	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7136	1-218-969-11	RES-CHIP	22K	5%	1/16W
R7138	1-218-937-11	RES-CHIP	47	5%	1/16W
R7140	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R7141	1-208-939-11	METAL CHIP	150K	0.50%	1/16W
R7142	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R7143	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R7144	1-218-978-11	RES-CHIP	120K	5%	1/16W
R7145	1-208-715-11	METAL CHIP	22K	0.50%	1/16W
R7146	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R7147	1-218-941-81	RES-CHIP	100	5%	1/16W
R7148	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W
R7149	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R7150	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R7151	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R7152	1-218-937-11	RES-CHIP	47	5%	1/16W
R7153	1-218-937-11	RES-CHIP	47	5%	1/16W
R7154	1-218-990-81	SHORT CHIP			
R7155	1-208-709-11	METAL CHIP	12K	0.50%	1/16W
R7156	1-208-709-11	METAL CHIP	12K	0.50%	1/16W
R7157	1-218-990-81	SHORT CHIP			
R7158	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R7159	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R7167	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7171	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W
R7172	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R7173	1-216-864-11	SHORT CHIP			
R7174	1-218-990-81	SHORT CHIP			
R7175	1-218-990-81	SHORT CHIP			
R7176	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7200	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W
R7204	1-218-941-81	RES-CHIP	100	5%	1/16W
R7205	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R7206	1-218-990-81	SHORT CHIP			
R7207	1-218-933-11	RES-CHIP	22	5%	1/16W
R7208	1-218-990-81	SHORT CHIP			
R7212	1-218-990-81	SHORT CHIP			
R7261	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W
R7400	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7401	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7402	1-208-683-11	METAL CHIP	1K	0.50%	1/16W

BU

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R7403	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7404	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R7405	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7406	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7407	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7411	1-218-938-11	RES-CHIP	56	5%	1/16W
R7412	1-218-938-11	RES-CHIP	56	5%	1/16W
R7413	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7443	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7505	1-218-941-81	RES-CHIP	100	5%	1/16W
R7515	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7521	1-218-941-81	RES-CHIP	100	5%	1/16W
R7523	1-218-941-81	RES-CHIP	100	5%	1/16W
R7527	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7529	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7533	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7535	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7536	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7539	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7541	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7543	1-218-977-11	RES-CHIP	100K	5%	1/16W
R7544	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7547	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R7550	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R7552	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R7555	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R7567	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7600	1-218-949-11	RES-CHIP	470	5%	1/16W
R7604	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7606	1-218-941-81	RES-CHIP	100	5%	1/16W
R7607	1-218-941-81	RES-CHIP	100	5%	1/16W
R7609	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R7610	1-218-989-11	RES-CHIP	1M	5%	1/16W
R7613	1-208-697-11	METAL CHIP	3.9K	0.50%	1/16W
R7615	1-218-958-11	RES-CHIP	2.7K	5%	1/16W
R7616	1-218-969-11	RES-CHIP	22K	5%	1/16W
R7617	1-208-928-11	METAL CHIP	51K	0.50%	1/16W
R7618	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R7623	1-218-941-81	RES-CHIP	100	5%	1/16W
R7624	1-218-989-11	RES-CHIP	1M	5%	1/16W
R7627	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R7628	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7630	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R7631	1-218-941-81	RES-CHIP	100	5%	1/16W
R7637	1-208-928-11	METAL CHIP	51K	0.50%	1/16W
R7638	1-218-969-11	RES-CHIP	22K	5%	1/16W
R7651	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7653	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7654	1-218-969-11	RES-CHIP	22K	5%	1/16W
R7655	1-218-969-11	RES-CHIP	22K	5%	1/16W
R7662	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R7663	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R7666	1-218-978-11	RES-CHIP	120K	5%	1/16W
R7669	1-218-990-81	SHORT CHIP			
R7670	1-218-941-81	RES-CHIP	100	5%	1/16W
R7673	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7677	1-218-941-81	RES-CHIP	100	5%	1/16W
R7681	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7682	1-218-945-11	RES-CHIP	220	5%	1/16W
R7683	1-218-941-81	RES-CHIP	100	5%	1/16W
R7807	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7851	1-218-933-11	RES-CHIP	22	5%	1/16W
R7852	1-218-933-11	RES-CHIP	22	5%	1/16W
R7853	1-218-933-11	RES-CHIP	22	5%	1/16W
R7854	1-218-933-11	RES-CHIP	22	5%	1/16W
R7855	1-218-933-11	RES-CHIP	22	5%	1/16W
R7856	1-218-933-11	RES-CHIP	22	5%	1/16W
R7857	1-218-933-11	RES-CHIP	22	5%	1/16W
R7858	1-218-973-11	RES-CHIP	47K	5%	1/16W
R7859	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7860	1-218-933-11	RES-CHIP	22	5%	1/16W

RESISTOR BRIDGE

RB1302	1-239-674-81	RESISTOR, NETWORK 100
RB1303	1-239-674-81	RESISTOR, NETWORK 100
RB1304	1-239-674-81	RESISTOR, NETWORK 100
RB1305	1-239-698-11	RESISTOR, NETWORK 10K
RB1306	1-239-698-11	RESISTOR, NETWORK 10K
RB1307	1-239-698-11	RESISTOR, NETWORK 10K
RB1401	1-234-378-21	RES, NETWORK 10K (1005X4)
RB2001	1-234-378-21	RES, NETWORK 10K (1005X4)
RB2002	1-239-702-81	RESISTOR, NETWORK 22K
RB2003	1-239-674-81	RESISTOR, NETWORK 100
RB2004	1-234-372-11	RES, NETWORK 100 (1005X4)
RB2005	1-234-882-21	RES, CHIP NETWORK 47KX8 (3816)
RB2006	1-234-882-21	RES, CHIP NETWORK 47KX8 (3816)
RB2008	1-239-686-11	RESISTOR, NETWORK 1K
RB2009	1-239-686-11	RESISTOR, NETWORK 1K

BU

	REF. NO.	PART NO.	DESCRIPTION	VALUES
	RB2014	1-239-698-11	RESISTOR, NETWORK	10K
	RB2015	1-234-375-21	RES, NETWORK	1K (1005X4)
	RB2018	1-234-378-21	RES, NETWORK	10K (1005X4)
	RB2019	1-239-686-11	RESISTOR, NETWORK	1K
	RB2022	1-239-710-11	RESISTOR, NETWORK	100K
*	RB2024	1-234-380-21	RES, NETWORK	47K (1005X4)
	RB2025	1-239-698-11	RESISTOR, NETWORK	10K
	RB2026	1-239-698-11	RESISTOR, NETWORK	10K
	RB2029	1-234-378-21	RES, NETWORK	10K (1005X4)
	RB2034	1-239-706-81	RESISTOR, NETWORK	47K
	RB2042	1-239-674-81	RESISTOR, NETWORK	100
	RB3003	1-234-372-11	RES, NETWORK	100 (1005X4)
	RB3004	1-234-372-11	RES, NETWORK	100 (1005X4)
	RB3006	1-239-698-11	RESISTOR, NETWORK	10K
	RB3008	1-239-674-81	RESISTOR, NETWORK	100
	RB3009	1-239-698-11	RESISTOR, NETWORK	10K
	RB3010	1-239-674-81	RESISTOR, NETWORK	100
	RB3015	1-239-698-11	RESISTOR, NETWORK	10K
	RB3016	1-239-674-81	RESISTOR, NETWORK	100
	RB3017	1-239-686-11	RESISTOR, NETWORK	1K
	RB3021	1-239-682-11	RESISTOR, NETWORK	470
	RB3022	1-239-698-11	RESISTOR, NETWORK	10K
	RB3024	1-239-698-11	RESISTOR, NETWORK	10K
	RB3025	1-234-799-21	RES, CHIP NETWORK	10KX8 (3816)
	RB3030	1-234-375-21	RES, NETWORK	1K (1005X4)
	RB3031	1-234-375-21	RES, NETWORK	1K (1005X4)
	RB3032	1-234-372-11	RES, NETWORK	100 (1005X4)
	RB3301	1-234-378-21	RES, NETWORK	10K (1005X4)
	RB3410	1-239-698-11	RESISTOR, NETWORK	10K
	RB4700	1-239-686-11	RESISTOR, NETWORK	1K
	RB4704	1-234-372-11	RES, NETWORK	100 (1005X4)
	RB4706	1-234-372-11	RES, NETWORK	100 (1005X4)
	RB4707	1-234-375-21	RES, NETWORK	1K (1005X4)
	RB4708	1-234-878-21	RES, CHIP NETWORK	1KX8 (3816)
	RB4709	1-234-375-21	RES, NETWORK	1K (1005X4)
	RB4711	1-239-674-81	RESISTOR, NETWORK	100
	RB4716	1-234-375-21	RES, NETWORK	1K (1005X4)
	RB4717	1-234-878-21	RES, CHIP NETWORK	1KX8 (3816)
	RB4725	1-234-799-21	RES, CHIP NETWORK	10KX8 (3816)
	RB4726	1-239-686-11	RESISTOR, NETWORK	1K
	RB4727	1-239-694-81	RESISTOR, NETWORK	4.7K
	RB4729	1-234-377-21	RES, NETWORK	4.7K (1005X4)
	RB4900	1-234-370-21	RES, NETWORK	22 (1005X4)
	RB4901	1-234-370-21	RES, NETWORK	22 (1005X4)
	RB4902	1-234-370-21	RES, NETWORK	22 (1005X4)
	RB4903	1-234-370-21	RES, NETWORK	22 (1005X4)
	RB4904	1-234-370-21	RES, NETWORK	22 (1005X4)
	RB5001	1-239-686-11	RESISTOR, NETWORK	1K
	RB5002	1-239-674-81	RESISTOR, NETWORK	100
	RB5101	1-234-372-11	RES, NETWORK	100 (1005X4)
*	RB5102	1-234-380-21	RES, NETWORK	47K (1005X4)
	RB5110	1-234-369-21	RES, NETWORK	10 (1005X4)
	RB5112	1-234-369-21	RES, NETWORK	10 (1005X4)
	RB5141	1-234-369-21	RES, NETWORK	10 (1005X4)
	RB5143	1-234-369-21	RES, NETWORK	10 (1005X4)
	RB5161	1-239-706-81	RESISTOR, NETWORK	47K
	RB5162	1-234-369-21	RES, NETWORK	10 (1005X4)
	RB5164	1-234-369-21	RES, NETWORK	10 (1005X4)
	RB5166	1-239-674-81	RESISTOR, NETWORK	100
	RB5191	1-239-706-81	RESISTOR, NETWORK	47K
	RB5192	1-234-369-21	RES, NETWORK	10 (1005X4)
	RB5194	1-234-369-21	RES, NETWORK	10 (1005X4)
	RB5196	1-239-674-81	RESISTOR, NETWORK	100
	RB5212	1-239-706-81	RESISTOR, NETWORK	47K
	RB5214	1-239-686-11	RESISTOR, NETWORK	1K
	RB7200	1-234-370-21	RES, NETWORK	22 (1005X4)
	RB7201	1-239-674-81	RESISTOR, NETWORK	100
	RB7202	1-239-674-81	RESISTOR, NETWORK	100
	RB7204	1-239-674-81	RESISTOR, NETWORK	100
	RB7206	1-239-674-81	RESISTOR, NETWORK	100
	RB7208	1-239-698-11	RESISTOR, NETWORK	10K
	RB7210	1-239-698-11	RESISTOR, NETWORK	10K
	RB7400	1-239-674-81	RESISTOR, NETWORK	100
	RB7407	1-234-378-21	RES, NETWORK	10K (1005X4)
	RB7511	1-234-372-11	RES, NETWORK	100 (1005X4)
	RB7512	1-234-372-11	RES, NETWORK	100 (1005X4)
	RB7600	1-239-674-81	RESISTOR, NETWORK	100
	RB7601	1-239-690-81	RESISTOR, NETWORK	2.2K
	RB7850	1-234-711-21	RES, CHIP NETWORK	22X8 (3816)
	RB7852	1-234-370-21	RES, NETWORK	22 (1005X4)
	RB7853	1-234-370-21	RES, NETWORK	22 (1005X4)
	RB7854	1-234-370-21	RES, NETWORK	22 (1005X4)
	RB7855	1-234-370-21	RES, NETWORK	22 (1005X4)
	RB7856	1-234-370-21	RES, NETWORK	22 (1005X4)
	RB7857	1-234-378-21	RES, NETWORK	10K (1005X4)
	RB7858	1-234-711-21	RES, CHIP NETWORK	22X8 (3816)
	RB7859	1-234-711-21	RES, CHIP NETWORK	22X8 (3816)
	RB7860	1-234-372-11	RES, NETWORK	100 (1005X4)
	RB7861	1-234-372-11	RES, NETWORK	100 (1005X4)

BU H3E

REF. NO.	PART NO.	DESCRIPTION	VALUES
	VARISTOR		
VD1001	1-802-078-11	VARISTOR (SMD)	
VD1002	1-802-078-11	VARISTOR (SMD)	
VD1003	1-802-078-11	VARISTOR (SMD)	
VD1004	1-802-078-11	VARISTOR (SMD)	
VD1005	1-802-078-11	VARISTOR (SMD)	
VD1006	1-802-493-21	VARISTOR, NETWORK (1005X2)	
VD1007	1-802-493-21	VARISTOR, NETWORK (1005X2)	
VD1051	1-802-078-11	VARISTOR (SMD)	
VD1052	1-802-493-21	VARISTOR, NETWORK (1005X2)	
VD1101	1-802-078-11	VARISTOR (SMD)	
VD1102	1-802-078-11	VARISTOR (SMD)	
VD1103	1-802-078-11	VARISTOR (SMD)	
VD1104	1-802-493-21	VARISTOR, NETWORK (1005X2)	
VD1121	1-802-078-11	VARISTOR (SMD)	
VD1122	1-802-078-11	VARISTOR (SMD)	
VD1123	1-802-078-11	VARISTOR (SMD)	
VD1124	1-802-493-21	VARISTOR, NETWORK (1005X2)	
VD1201	1-802-493-21	VARISTOR, NETWORK (1005X2)	
VD1203	1-802-493-21	VARISTOR, NETWORK (1005X2)	
VD1205	1-802-493-21	VARISTOR, NETWORK (1005X2)	
VD3201	1-802-493-21	VARISTOR, NETWORK (1005X2)	
VD5001	1-802-078-11	VARISTOR (SMD)	
VD5002	1-802-078-11	VARISTOR (SMD)	
VD5003	1-802-078-11	VARISTOR (SMD)	
VD5004	1-802-078-11	VARISTOR (SMD)	
VD5005	1-802-078-11	VARISTOR (SMD)	
VD5006	1-802-078-11	VARISTOR (SMD)	
VD5007	1-802-078-11	VARISTOR (SMD)	
VD5008	1-802-078-11	VARISTOR (SMD)	
VD5009	1-802-078-11	VARISTOR (SMD)	
VD5101	1-802-481-11	ESD SUPPRESSOR (4 ARRAY)	
VD5103	1-802-481-11	ESD SUPPRESSOR (4 ARRAY)	
VD5104	1-802-481-11	ESD SUPPRESSOR (4 ARRAY)	
VD5131	1-802-078-11	VARISTOR (SMD)	
VD5133	1-802-481-11	ESD SUPPRESSOR (4 ARRAY)	
VD5134	1-802-481-11	ESD SUPPRESSOR (4 ARRAY)	
VD5161	1-802-481-11	ESD SUPPRESSOR (4 ARRAY)	
VD5162	1-802-481-11	ESD SUPPRESSOR (4 ARRAY)	
VD5191	1-802-481-11	ESD SUPPRESSOR (4 ARRAY)	
VD5192	1-802-481-11	ESD SUPPRESSOR (4 ARRAY)	
VD7506	1-802-078-11	VARISTOR (SMD)	
VD7507	1-802-078-11	VARISTOR (SMD)	
VD7508	1-802-078-11	VARISTOR (SMD)	

REF. NO.	PART NO.	DESCRIPTION	VALUES
	CRYSTAL		
X2000	1-813-462-11	VIBRATOR, CRYSTAL	24.576MHZ
X3001	1-813-070-21	PIEZOELECTRIC OSCILLATOR	
X3501	1-579-886-21	VIBRATOR, CRYSTAL	
X4700	1-813-082-11	VIBRATOR, CRYSTAL	(24.000MHZ)
X7200	1-814-133-21	VIBRATOR, CRYSTAL	

H3E

	A-1550-477-A	**H3E BOARD, MOUNTED**			
	CAPACITOR				
C302	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C303	1-114-399-21	ELECT CHIP	47µF	20%	6.3V
C304	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
	DIODE				
D302	8-719-036-94	DIODE	RD5.6SB-T1		
D308	6-502-297-01	DIODE	FR1105W-730-TR		
D323	6-502-296-01	DIODE	VYPY1105W-5C43A-TR		
D324	6-502-297-01	DIODE	FR1105W-730-TR		
D325	6-502-296-01	DIODE	VYPY1105W-5C43A-TR		
	IC				
IC301	6-600-680-01	PHOTO	DIODE	BH1690FVC-TR	
	TRANSISTOR				
Q301	6-551-815-01	TRANSISTOR	UNR52A1G0LS0		
Q302	6-551-815-01	TRANSISTOR	UNR52A1G0LS0		
Q303	6-551-815-01	TRANSISTOR	UNR52A1G0LS0		
Q305	6-551-815-01	TRANSISTOR	UNR52A1G0LS0		
Q306	6-551-699-01	TRANSISTOR	ISA1602AM1TP-1EF		
	RESISTOR				
R301	1-208-871-81	METAL CHIP	220	0.50%	1/16W
R302	1-208-885-11	METAL CHIP	820	0.50%	1/16W
R303	1-208-663-11	METAL CHIP	150	0.50%	1/16W
R305	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R306	1-218-990-81	SHORT CHIP			
R307	1-218-953-11	RES-CHIP	1K	5%	1/16W
R309	1-218-990-81	SHORT CHIP			
R310	1-218-981-91	RES-CHIP	220K	5%	1/16W
R311	1-218-965-11	RES-CHIP	10K	5%	1/16W
R312	1-218-971-11	RES-CHIP	33K	5%	1/16W
R314	1-218-953-11	RES-CHIP	1K	5%	1/16W

H4 IP5Z

REF. NO.	PART NO.	DESCRIPTION	VALUES		
H4					
	A-1494-139-A	**H4 BOARD, MOUNTED**			
	CAPACITOR				
C401	1-112-068-11	CERAMIC CHIP	220pF	10%	50V
C402	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
	IC				
IC401	6-600-681-01	IC	RS-770N		
	RESISTOR				
R401	1-218-949-11	RES-CHIP	470	5%	1/16W
R402	1-218-937-11	RES-CHIP	47	5%	1/16W
IP5Z					
☛	**N/A**	**IP5Z-46 BOARD, COMPLETE**			
	FOR ALL POWER BOARD PART NUMBER INFORMATION REFER TO THE LCD PANELS SERVICE MANUAL				
	2-580-592-01	SCREW, +PSW M3X8			
	CAPACITOR				
C6002	1-165-529-11	MYLAR	0.22µF	10	275V
C6006	1-112-876-51	CERAMIC	470pF	10%	250V
C6007	1-112-874-51	CERAMIC	220pF	10%	250V
C6010	1-112-876-51	CERAMIC	470pF	10%	250V
C6011	1-112-874-51	CERAMIC	220pF	10%	250V
C6014	1-161-964-91	CERAMIC	0.0047µF		250V
C6015	1-161-964-91	CERAMIC	0.0047µF		250V
C6018	1-165-529-11	MYLAR	0.22µF	10	275V
C6020	1-114-323-11	CERAMIC CHIP	0.01µF	10%	50V
C6024	1-112-876-51	CERAMIC	470pF	10%	250V
C6100	1-114-323-11	CERAMIC CHIP	0.01µF	10%	50V
C6101	1-100-831-91	CERAMIC CHIP	0.001µF	2%	50V
C6102	1-107-906-11	ELECT	10µF	20%	50V
C6103	1-107-905-11	ELECT	4.7µF	20%	50V
C6104	1-107-910-11	ELECT	100µF	20%	50V
C6106	1-114-323-11	CERAMIC CHIP	0.01µF	10%	50V
C6107	1-107-888-11	ELECT	47µF	20%	25V
C6108	1-114-326-11	CERAMIC CHIP	0.22µF	10%	25V
C6110	1-112-481-11	CERAMIC	470pF	10%	1KV
C6111	1-100-732-11	FILM	18000pF	3%	1KV

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C6150	1-114-328-11	CERAMIC CHIP	0.047µF	10%	50V
C6152	1-112-229-21	ELECT	1500µF	20%	16V
C6153	1-112-229-21	ELECT	1500µF	20%	16V
C6155	1-114-323-11	CERAMIC CHIP	0.01µF	10%	50V
C6159	1-112-835-11	ELECT	3300µF	20%	25V
C6161	1-114-324-11	CERAMIC CHIP	0.022µF	10%	50V
C6200	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C6201	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C6202	1-107-902-11	ELECT	1µF	20%	50V
C6203	1-100-139-31	FILM	0.001µF	5%	630V
C6204	1-107-903-11	ELECT	2.2µF	20%	50V
C6205	1-107-910-11	ELECT	100µF	20%	50V
C6206	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C6250	1-128-949-31	ELECT	470µF	20%	16V
C6251	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C6300	1-114-323-11	CERAMIC CHIP	0.01µF	10%	50V
C6301	1-110-501-11	CERAMIC CHIP	0.33µF	10%	16V
C6302	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C6303	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C6304	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C6310	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C6311	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C6312	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C6400	1-114-323-11	CERAMIC CHIP	0.01µF	10%	50V
C6402	1-114-323-11	CERAMIC CHIP	0.01µF	10%	50V
C6407	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C6408	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C6410	1-114-323-11	CERAMIC CHIP	0.01µF	10%	50V
C6504	1-100-831-91	CERAMIC CHIP	0.001µF	2%	50V
C6507	1-107-906-11	ELECT	10µF	20%	50V
C6508	1-114-322-11	CERAMIC CHIP	0.0047µF	10%	50V
C6509	1-114-322-11	CERAMIC CHIP	0.0047µF	10%	50V
C6510	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C6511	1-100-831-91	CERAMIC CHIP	0.001µF	2%	50V
C6513	1-115-340-11	CERAMIC CHIP	0.22µF	10%	25V
C6518	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C6519	1-107-906-11	ELECT	10µF	20%	50V
C6522	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C6523	1-107-906-11	ELECT	10µF	20%	50V
C6525	1-107-906-11	ELECT	10µF	20%	50V
C6531	1-162-915-11	CERAMIC CHIP	10pF	0.50pF	50V
C6532	1-162-915-11	CERAMIC CHIP	10pF	0.50pF	50V
C6550	1-112-744-61	MYLAR	1µF	10%	450V
C6551	1-112-873-11	CERAMIC	100pF	10%	250V
C6552	1-114-745-11	FILM	1µF	5%	450V

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

IP5Z

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C6559	1-112-481-11	CERAMIC	470pF	10%	1KV
C6560	1-112-481-11	CERAMIC	470pF	10%	1KV
C6561	1-112-481-11	CERAMIC	470pF	10%	1KV
C6562	1-112-481-11	CERAMIC	470pF	10%	1KV
C6568	1-112-481-11	CERAMIC	470pF	10%	1KV
C6569	1-112-481-11	CERAMIC	470pF	10%	1KV
C6570	1-112-481-11	CERAMIC	470pF	10%	1KV
C6571	1-112-481-11	CERAMIC	470pF	10%	1KV
C6574	1-114-293-11	ELECT(BLOCK)	220µF	20%	450V
C6600	1-112-744-61	MYLAR	1µF	10%	450V
C6601	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C6602	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C6604	1-115-339-11	CERAMIC CHIP	0.1µF	10%	50V
C6606	1-112-744-61	MYLAR	1µF	10%	450V
C6612	1-112-874-51	CERAMIC	220pF	10%	250V
C6658	1-115-339-11	CERAMIC CHIP	0.1µF	10%	50V
C6702	1-107-823-11	CERAMIC CHIP	0.47µF	10%	16V
C6703	1-107-823-11	CERAMIC CHIP	0.47µF	10%	16V
C6709	1-104-513-21	CERAMIC	47pF	5%	6.3KV
C6710	1-114-573-91	CERAMIC CHIP	0.0047µF	5%	50V
C6711	1-104-513-21	CERAMIC	47pF	5%	6.3KV
C6712	1-114-573-91	CERAMIC CHIP	0.0047µF	5%	50V
C6713	1-114-573-91	CERAMIC CHIP	0.0047µF	5%	50V
C6714	1-114-573-91	CERAMIC CHIP	0.0047µF	5%	50V
C6718	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
C6719	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
C6723	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6724	1-125-889-11	CERAMIC CHIP	2.2µF	10%	10V
C6725	1-162-968-11	CERAMIC CHIP	0.0047µF	10%	50V
C6726	1-125-889-11	CERAMIC CHIP	2.2µF	10%	10V
C6727	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6728	1-164-227-11	CERAMIC CHIP	0.022µF	10%	25V
C6729	1-107-882-91	ELECT	100µF	20%	16V
C6730	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6731	1-100-831-91	CERAMIC CHIP	0.001µF	2%	50V
C6732	1-100-591-91	CERAMIC CHIP	1µF	10%	25V
C6733	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C6735	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C6738	1-137-710-91	CERAMIC CHIP	10µF	20%	6.3V
C6739	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6740	1-107-882-91	ELECT	100µF	20%	16V
C6742	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C6744	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C6745	1-107-882-91	ELECT	100µF	20%	16V
C6746	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C6747	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C6748	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C6749	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C6751	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C6752	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C6755	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C6756	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C6757	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C6759	1-107-882-91	ELECT	100µF	20%	16V
C6761	1-125-889-11	CERAMIC CHIP	2.2µF	10%	10V
C6762	1-125-889-11	CERAMIC CHIP	2.2µF	10%	10V
C6788	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C6789	1-107-909-11	ELECT	47µF	20%	50V
C6794	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C6797	1-112-744-61	MYLAR	1µF	10%	450V

CONNECTOR

*	CN6000	1-793-660-11	PIN, CONNECTOR (PC BOARD)	
*	CN6150	1-793-235-11	PIN, CONNECTOR (PC BOARD)	13P
*	CN6151	1-779-944-21	PIN, CONNECTOR (PC BOARD)	4P
*	CN6154	1-785-702-11	PIN, CONNECTOR (PC BOARD)	5P
	CN6700	1-821-935-11	HEADER ASSEMBLY FOR PWB, MDF61	
	CN6706	1-785-705-11	PIN, CONNECTOR (PC BOARD)	9P

DIODE

	D6000	8-719-054-89	DIODE	D15XB60
	D6001	6-501-817-01	DIODE	MA2J1110GLS0
	D6003	6-502-318-01	DIODE	MA4J1130GLS0
⚠	D6100	8-719-081-67	DIODE	M1FM3
	D6101	8-719-081-67	DIODE	M1FM3
	D6102	6-501-774-01	DIODE	MAZ8150G0LS0
	D6103	8-719-979-64	DIODE	µF4005/23
	D6104	8-719-081-67	DIODE	M1FM3
	D6150	6-501-545-01	DIODE	SG10SC6-F5
	D6151	6-501-545-01	DIODE	SG10SC6-F5
⚠	D6152	6-501-545-01	DIODE	SG10SC6-F5
	D6201	6-502-380-01	DIODE	AB01BV1
	D6202	6-501-817-01	DIODE	MA2J1110GLS0
	D6203	6-500-567-31	DIODE	10ERB20-TB3
	D6204	6-500-567-31	DIODE	10ERB20-TB3
	D6250	6-501-526-01	DIODE	D1NS6-TR2
	D6300	6-501-817-01	DIODE	MA2J1110GLS0
	D6301	6-501-817-01	DIODE	MA2J1110GLS0
	D6302	6-501-728-01	DIODE	MAZ8051G0LS0
	D6305	6-502-318-01	DIODE	MA4J1130GLS0

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IP5Z

REF. NO.	PART NO.	DESCRIPTION	VALUES
D6400	6-501-774-01	DIODE	MAZ8150G0LS0
D6401	6-502-318-01	DIODE	MA4J1130GLS0
D6403	6-500-137-01	DIODE	BAT54HT1
D6503	6-501-817-01	DIODE	MA2J1110GLS0
D6504	6-501-817-01	DIODE	MA2J1110GLS0
D6505	6-501-762-01	DIODE	MAZ8110G0LS0
D6508	6-501-732-01	DIODE	MAZ8056G0LS0
D6553	6-502-378-01	DIODE	MA22F2000LS0
D6554	6-502-378-01	DIODE	MA22F2000LS0
D6555	6-501-848-01	DIODE	S3K60
D6556	6-501-848-01	DIODE	S3K60
D6600	6-501-818-01	DIODE	MA2J1130GLS0
D6601	6-501-818-01	DIODE	MA2J1130GLS0
D6604	6-502-376-01	DIODE	FSF03B60
D6605	6-502-376-01	DIODE	FSF03B60
D6606	6-501-848-01	DIODE	S3K60
D6607	6-501-848-01	DIODE	S3K60
D6620	8-719-083-57	DIODE	UDZSNPTE-173.6B
D6621	8-719-083-57	DIODE	UDZSNPTE-173.6B
D6704	6-501-579-01	DIODE	MC2837
D6705	6-501-579-01	DIODE	MC2837
D6709	6-501-732-01	DIODE	MAZ8056G0LS0
D6710	6-501-732-01	DIODE	MAZ8056G0LS0
D6711	6-501-817-01	DIODE	MA2J1110GLS0
D6714	6-501-724-01	DIODE	MAZ8047G0LS0
D6715	6-501-724-01	DIODE	MAZ8047G0LS0
D6722	6-500-335-01	DIODE	MC2838-T112-1
D6725	6-500-137-01	DIODE	BAT54HT1
D6727	6-500-137-01	DIODE	BAT54HT1

FERRITE BEAD

FB6100	1-412-911-11	FERRITE	0µH
FB6101	1-412-911-11	FERRITE	0µH
FB6500	1-412-911-11	FERRITE	0µH
FB6504	1-412-911-11	FERRITE	0µH
FB6600	1-410-396-41	FERRITE	0.45µH
FB6601	1-410-396-41	FERRITE	0.45µH
FB6602	1-410-396-41	FERRITE	0.45µH
FB6603	1-410-396-41	FERRITE	0.45µH
FB6706	1-414-445-11	FERRITE	0µH
FB6707	1-414-445-11	FERRITE	0µH
FB6708	1-414-445-11	FERRITE	0µH
FB6709	1-414-445-11	FERRITE	0µH
FB6716	1-414-793-21	FERRITE	0µH
FB6717	1-414-793-21	FERRITE	0µH
FB6718	1-412-911-11	FERRITE	0µH
FB6719	1-414-793-21	FERRITE	0µH
FB6720	1-414-793-21	FERRITE	0µH

IC

⚠	IC6100	6-707-749-01	IC	CXD9841P
	IC6101	6-711-947-01	IC	MM1431CURE
⚠	IC6200	6-708-801-01	IC	MIP2H2
	IC6250	6-709-442-01	IC	MM1530ATT
	IC6302	6-709-499-01	IC	RT9H301C-T112-1
⚠	IC6500	6-712-651-01	IC	R2A20112DD#U0
	IC6702	6-702-877-01	IC	LD1117S50
	IC6703	6-705-660-01	IC	LM339DT(A)

CHIP CONDUCTOR

JR6001	1-216-296-11	SHORT CHIP
JR6002	1-216-296-11	SHORT CHIP
JR6003	1-216-296-11	SHORT CHIP
JR6004	1-216-296-11	SHORT CHIP
JR6005	1-216-296-11	SHORT CHIP
JR6006	1-216-295-91	SHORT CHIP
JR6007	1-216-296-11	SHORT CHIP
JR6008	1-216-295-91	SHORT CHIP
JR6009	1-216-296-11	SHORT CHIP
JR6010	1-216-295-91	SHORT CHIP
JR6011	1-216-295-91	SHORT CHIP
JR6012	1-216-296-11	SHORT CHIP
JR6013	1-216-296-11	SHORT CHIP
JR6014	1-216-864-11	SHORT CHIP
JR6015	1-216-296-11	SHORT CHIP
JR6016	1-216-295-91	SHORT CHIP
JR6017	1-216-296-11	SHORT CHIP
JR6018	1-216-295-91	SHORT CHIP
JR6019	1-216-295-91	SHORT CHIP
JR6020	1-216-296-11	SHORT CHIP
JR6021	1-216-295-91	SHORT CHIP
JR6101	1-216-295-91	SHORT CHIP
JR6102	1-216-296-11	SHORT CHIP
JR6103	1-216-295-91	SHORT CHIP
JR6104	1-216-296-11	SHORT CHIP
JR6105	1-216-295-91	SHORT CHIP
JR6106	1-216-295-91	SHORT CHIP
JR6151	1-216-296-11	SHORT CHIP

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IP5Z

	REF. NO.	PART NO.	DESCRIPTION	VALUES
	JR6152	1-216-295-91	SHORT CHIP	
	JR6153	1-216-296-11	SHORT CHIP	
	JR6154	1-216-296-11	SHORT CHIP	
	JR6155	1-216-296-11	SHORT CHIP	
	JR6156	1-216-295-91	SHORT CHIP	
	JR6157	1-216-296-11	SHORT CHIP	
	JR6158	1-216-296-11	SHORT CHIP	
		COIL		
	L6000	1-457-513-11	LINE FILTER COIL	
	L6001	1-457-472-11	LINE FILTER COIL	
	L6151	1-406-657-11	INDUCTOR	4.7µH
	L6400	1-414-183-41	INDUCTOR	10µH
	L6550	1-457-626-11	INDUCTOR	260µH
	L6600	1-406-977-21	INDUCTOR	100µH
	L6601	1-419-622-11	COIL, LINE FILTER	
		PHOTO COUPLER		
	PH6100	6-600-671-01	PC123Y22FZW	
⚠	PH6200	6-600-671-01	PC123Y22FZW	
	PH6300	6-600-671-01	PC123Y22FZW	
	PH6302	6-600-671-01	PC123Y22FZW	
		TRANSISTOR		
⚠	Q6100	6-551-302-01	TRANSISTOR	2SK3561(LBS1SONY,Q
⚠	Q6101	6-551-302-01	TRANSISTOR	2SK3561(LBS1SONY,Q
	Q6300	6-551-678-01	TRANSISTOR	2SA1364-T111-1DE
	Q6302	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
	Q6303	6-551-714-01	TRANSISTOR	INK0001AC1-T112A-1
	Q6304	6-551-714-01	TRANSISTOR	INK0001AC1-T112A-1
	Q6305	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
	Q6306	6-551-865-01	TRANSISTOR	RT1P14BC-TP-1
	Q6307	6-551-866-01	TRANSISTOR	RT1N14BC-TP-1
	Q6400	6-551-866-01	TRANSISTOR	RT1N14BC-TP-1
	Q6402	6-551-865-01	TRANSISTOR	RT1P14BC-TP-1
	Q6403	6-551-866-01	TRANSISTOR	RT1N14BC-TP-1
	Q6404	6-551-866-01	TRANSISTOR	RT1N14BC-TP-1
	Q6500	6-551-678-01	TRANSISTOR	2SA1364-T111-1DE
	Q6502	6-551-678-01	TRANSISTOR	2SA1364-T111-1DE
	Q6503	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
	Q6504	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
	Q6505	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
	Q6507	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
⚠	Q6551	6-551-336-01	TRANSISTOR	2SK3934(LBS1SONY.Q
⚠	Q6552	6-551-336-01	TRANSISTOR	2SK3934(LBS1SONY.Q
	Q6600	6-551-678-01	TRANSISTOR	2SA1364-T111-1DE
	Q6601	6-551-678-01	TRANSISTOR	2SA1364-T111-1DE
⚠	Q6602	6-551-713-01	TRANSISTOR	2SK3569(LBS1SONY.Q
⚠	Q6603	6-551-713-01	TRANSISTOR	2SK3569(LBS1SONY.Q
	Q6706	6-551-961-01	TRANSISTOR	INK0002AC1-T130A-1
	Q6707	6-551-961-01	TRANSISTOR	INK0002AC1-T130A-1
	Q6711	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
	Q6712	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
	Q6714	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
	Q6717	6-551-678-01	TRANSISTOR	2SA1364-T111-1DE
	Q6718	6-551-678-01	TRANSISTOR	2SA1364-T111-1DE
	Q6719	8-729-055-50	TRANSISTOR	2SC4357-T11-1E
	Q6720	8-729-055-50	TRANSISTOR	2SC4357-T11-1E
		RESISTOR		
	R6010	1-216-864-11	SHORT CHIP	
	R6011	1-216-857-11	METAL CHIP	1M 5% 1/10W
	R6012	1-216-864-11	SHORT CHIP	
	R6014	1-208-845-11	METAL CHIP	430K 0.50% 1/10W
	R6015	1-246-389-11	METAL CHIP	560K 5% 1/4W
	R6016	1-246-385-11	WIREWOUND	6.8 5% 8/5W
	R6017	1-208-830-11	METAL CHIP	100K 0.50% 1/10W
	R6018	1-208-846-11	METAL CHIP	470K 0.50% 1/10W
	R6019	1-246-389-11	METAL CHIP	560K 5% 1/4W
	R6100	1-218-885-11	METAL CHIP	39K 0.50% 1/10W
	R6101	1-218-867-11	METAL CHIP	6.8K 0.50% 1/10W
	R6102	1-218-823-11	METAL CHIP	100 0.50% 1/10W
	R6103	1-218-877-11	METAL CHIP	18K 0.50% 1/10W
	R6105	1-208-854-11	METAL CHIP	1M 0.50% 1/10W
	R6106	1-208-854-11	METAL CHIP	1M 0.50% 1/10W
	R6107	1-208-854-11	METAL CHIP	1M 0.50% 1/10W
	R6108	1-208-854-11	METAL CHIP	1M 0.50% 1/10W
	R6109	1-208-830-11	METAL CHIP	100K 0.50% 1/10W
	R6110	1-216-863-11	METAL CHIP	3.3M 5% 1/10W
	R6111	1-218-887-11	METAL CHIP	47K 0.50% 1/10W
	R6114	1-211-985-11	METAL CHIP	47 0.50% 1/10W
⚠	R6115	1-216-009-91	RES-CHIP	22 5% 1/10W
	R6116	1-216-009-91	RES-CHIP	22 5% 1/10W
	R6117	1-216-833-11	METAL CHIP	10K 5% 1/10W
	R6118	1-216-833-11	METAL CHIP	10K 5% 1/10W
	R6120	1-216-361-00	METAL OXIDE	0.22 5% 2W
	R6121	1-218-847-11	METAL CHIP	1K 0.50% 1/10W
	R6123	1-216-361-00	METAL OXIDE	0.22 5% 2W

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IP5Z

	REF. NO.	PART NO.	DESCRIPTION	VALUES		
	R6150	1-216-819-11	METAL CHIP	680	5%	1/10W
	R6151	1-216-821-11	METAL CHIP	1K	5%	1/10W
	R6152	1-216-821-11	METAL CHIP	1K	5%	1/10W
	R6153	1-216-864-11	SHORT CHIP			
	R6154	1-218-877-11	METAL CHIP	18K	0.50%	1/10W
	R6156	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
	R6157	1-216-841-11	METAL CHIP	47K	5%	1/10W
	R6158	1-216-841-11	METAL CHIP	47K	5%	1/10W
	R6159	1-216-793-11	METAL CHIP	4.7	5%	1/10W
⚠	R6200	1-246-188-51	FUSIBLE	10	5%	1/2W
	R6201	1-218-865-11	METAL CHIP	5.6K	0.50%	1/10W
	R6202	1-243-725-71	METAL OXIDE	100K	5%	1W
	R6203	1-249-385-11	CARBON	2.2	5%	1/4W
	R6250	1-216-821-11	METAL CHIP	1K	5%	1/10W
	R6251	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
	R6252	1-216-805-11	METAL CHIP	47	5%	1/10W
	R6253	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
	R6254	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
	R6255	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
	R6300	1-216-857-11	METAL CHIP	1M	5%	1/10W
	R6301	1-218-903-11	METAL CHIP	220K	0.50%	1/10W
	R6302	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
	R6303	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
	R6306	1-216-845-11	METAL CHIP	100K	5%	1/10W
	R6307	1-216-837-11	METAL CHIP	22K	5%	1/10W
	R6308	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
	R6309	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6310	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
	R6311	1-216-841-11	METAL CHIP	47K	5%	1/10W
	R6314	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6316	1-216-864-11	SHORT CHIP			
	R6319	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
	R6322	1-218-886-11	METAL CHIP	43K	0.50%	1/10W
	R6323	1-216-849-11	METAL CHIP	220K	5%	1/10W
	R6324	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6326	1-218-886-11	METAL CHIP	43K	0.50%	1/10W
	R6329	1-249-385-11	CARBON	2.2	5%	1/4W
	R6333	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6335	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
	R6336	1-216-805-11	METAL CHIP	47	5%	1/10W
	R6338	1-216-864-11	SHORT CHIP			
	R6339	1-216-864-11	SHORT CHIP			

	REF. NO.	PART NO.	DESCRIPTION	VALUES		
	R6400	1-216-837-11	METAL CHIP	22K	5%	1/10W
	R6403	1-216-821-11	METAL CHIP	1K	5%	1/10W
	R6404	1-216-864-11	SHORT CHIP			
	R6406	1-216-817-11	METAL CHIP	470	5%	1/10W
	R6407	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
	R6410	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6414	1-216-821-11	METAL CHIP	1K	5%	1/10W
	R6417	1-216-864-11	SHORT CHIP			
	R6418	1-216-821-11	METAL CHIP	1K	5%	1/10W
	R6421	1-216-821-11	METAL CHIP	1K	5%	1/10W
	R6424	1-216-864-11	SHORT CHIP			
	R6425	1-216-864-11	SHORT CHIP			
	R6428	1-216-864-11	SHORT CHIP			
⚠	R6500	1-220-926-81	FUSIBLE	0.47	10%	1/2W
	R6501	1-218-831-11	METAL CHIP	220	0.50%	1/10W
	R6502	1-218-831-11	METAL CHIP	220	0.50%	1/10W
	R6503	1-208-814-91	METAL CHIP	22K	0.50%	1/10W
	R6504	1-218-839-11	METAL CHIP	470	0.50%	1/10W
	R6505	1-218-839-11	METAL CHIP	470	0.50%	1/10W
	R6506	1-218-878-11	METAL CHIP	20K	0.50%	1/10W
	R6507	1-245-118-91	METAL CHIP	2.2M	0.50%	1/10W
	R6508	1-208-814-91	METAL CHIP	22K	0.50%	1/10W
	R6509	1-216-809-11	METAL CHIP	100	5%	1/10W
	R6510	1-216-837-11	METAL CHIP	22K	5%	1/10W
	R6517	1-216-809-11	METAL CHIP	100	5%	1/10W
	R6521	1-208-854-11	METAL CHIP	1M	0.50%	1/10W
	R6522	1-208-854-11	METAL CHIP	1M	0.50%	1/10W
	R6523	1-208-846-11	METAL CHIP	470K	0.50%	1/10W
	R6524	1-218-891-11	METAL CHIP	68K	0.50%	1/10W
	R6525	1-218-883-11	METAL CHIP	33K	0.50%	1/10W
	R6526	1-208-854-11	METAL CHIP	1M	0.50%	1/10W
	R6527	1-218-907-11	METAL CHIP	330K	0.50%	1/10W
	R6528	1-218-907-11	METAL CHIP	330K	0.50%	1/10W
	R6529	1-216-809-11	METAL CHIP	100	5%	1/10W
	R6531	1-246-388-11	METAL	0.1	5%	5W
	R6533	1-246-388-11	METAL	0.1	5%	5W
	R6534	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6541	1-208-820-11	METAL CHIP	39K	0.50%	1/10W
	R6542	1-216-845-11	METAL CHIP	100K	5%	1/10W
	R6543	1-216-845-11	METAL CHIP	100K	5%	1/10W
	R6544	1-216-845-11	METAL CHIP	100K	5%	1/10W
	R6545	1-216-837-11	METAL CHIP	22K	5%	1/10W
	R6546	1-216-837-11	METAL CHIP	22K	5%	1/10W
	R6547	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6548	1-216-845-11	METAL CHIP	100K	5%	1/10W

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IP5Z

	REF. NO.	PART NO.	DESCRIPTION	VALUES		
	R6561	1-208-814-91	METAL CHIP	22K	0.50%	1/10W
	R6564	1-215-882-00	METAL OXIDE	22	5%	2W
	R6565	1-215-882-00	METAL OXIDE	22	5%	2W
	R6568	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6569	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6571	1-208-814-91	METAL CHIP	22K	0.50%	1/10W
⚠	R6572	1-216-603-11	METAL CHIP	10	0.50%	1/10W
⚠	R6573	1-216-603-11	METAL CHIP	10	0.50%	1/10W
	R6574	1-249-405-11	CARBON	100	5%	1/4W
	R6575	1-249-405-11	CARBON	100	5%	1/4W
	R6576	1-243-550-71	METAL OXIDE	6.8	5%	2W
	R6577	1-243-550-71	METAL OXIDE	6.8	5%	2W
	R6578	1-208-806-11	METAL CHIP	10K	0.50%	1/10W
	R6579	1-216-839-11	METAL CHIP	33K	5%	1/10W
	R6600	1-216-049-11	RES-CHIP	1K	5%	1/10W
	R6601	1-216-049-11	RES-CHIP	1K	5%	1/10W
	R6602	1-249-403-11	CARBON	68	5%	1/4W
	R6603	1-249-403-11	CARBON	68	5%	1/4W
	R6604	1-216-793-11	METAL CHIP	4.7	5%	1/10W
	R6605	1-216-793-11	METAL CHIP	4.7	5%	1/10W
	R6606	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6607	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6609	1-216-857-11	METAL CHIP	1M	5%	1/10W
	R6619	1-216-857-11	METAL CHIP	1M	5%	1/10W
	R6632	1-216-049-11	RES-CHIP	1K	5%	1/10W
	R6633	1-216-049-11	RES-CHIP	1K	5%	1/10W
⚠	R6700	1-216-793-11	METAL CHIP	4.7	5%	1/10W
	R6701	1-216-809-11	METAL CHIP	100	5%	1/10W
	R6702	1-216-809-11	METAL CHIP	100	5%	1/10W
	R6703	1-216-793-11	METAL CHIP	4.7	5%	1/10W
	R6704	1-216-793-11	METAL CHIP	4.7	5%	1/10W
	R6705	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
	R6707	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6708	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6714	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6715	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
	R6716	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
	R6720	1-216-857-11	METAL CHIP	1M	5%	1/10W
	R6721	1-216-821-11	METAL CHIP	1K	5%	1/10W
	R6722	1-218-893-11	METAL CHIP	82K	0.50%	1/10W
	R6723	1-218-841-11	METAL CHIP	560	0.50%	1/10W
	R6725	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
	R6726	1-218-859-11	METAL CHIP	3.3K	0.50%	1/10W
	R6727	1-245-118-91	METAL CHIP	2.2M	0.50%	1/10W
	R6728	1-218-883-11	METAL CHIP	33K	0.50%	1/10W

	REF. NO.	PART NO.	DESCRIPTION	VALUES		
	R6730	1-218-857-11	METAL CHIP	2.7K	0.50%	1/10W
	R6733	1-218-891-11	METAL CHIP	68K	0.50%	1/10W
	R6736	1-216-864-11	SHORT CHIP			
	R6747	1-218-909-11	METAL CHIP	390K	0.50%	1/10W
	R6750	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
	R6751	1-218-879-11	METAL CHIP	22K	0.50%	1/10W
	R6752	1-218-829-11	METAL CHIP	180	0.50%	1/10W
	R6754	1-218-825-11	METAL CHIP	120	0.50%	1/10W
	R6755	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
	R6756	1-218-825-11	METAL CHIP	120	0.50%	1/10W
	R6757	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
	R6758	1-218-825-11	METAL CHIP	120	0.50%	1/10W
	R6762	1-218-825-11	METAL CHIP	120	0.50%	1/10W
	R6763	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
	R6764	1-218-825-11	METAL CHIP	120	0.50%	1/10W
	R6766	1-216-864-11	SHORT CHIP			
	R6768	1-218-823-11	METAL CHIP	100	0.50%	1/10W
	R6771	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
	R6773	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6776	1-216-864-11	SHORT CHIP			
	R6779	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
	R6783	1-218-883-11	METAL CHIP	33K	0.50%	1/10W
	R6786	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
	R6789	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
	R6790	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
	R6791	1-218-823-11	METAL CHIP	100	0.50%	1/10W
	R6792	1-218-905-11	METAL CHIP	270K	0.50%	1/10W
	R6794	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
	R6795	1-216-841-11	METAL CHIP	47K	5%	1/10W
	R6796	1-218-823-11	METAL CHIP	100	0.50%	1/10W
	R6797	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
	R6798	1-218-823-11	METAL CHIP	100	0.50%	1/10W
	R6799	1-216-845-11	METAL CHIP	100K	5%	1/10W
⚠	R6804	1-249-381-11	CARBON	1	5%	1/4W
	R6805	1-216-793-11	METAL CHIP	4.7	5%	1/10W
	R6809	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
	R6823	1-216-864-11	SHORT CHIP			
	R6824	1-216-864-11	SHORT CHIP			
	R6917	1-249-417-11	CARBON	1K	5%	1/4W
	R6918	1-249-417-11	CARBON	1K	5%	1/4W
	R6919	1-249-417-11	CARBON	1K	5%	1/4W
	R6920	1-249-417-11	CARBON	1K	5%	1/4W
	R6921	1-218-911-11	METAL CHIP	470K	0.50%	1/10W

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

IP5Z

REF. NO.	PART NO.	DESCRIPTION	VALUES
	RELAY		
RY6000	1-755-395-11	RELAY (AC POWER)	
	TRANSFORMER		
T6101	1-445-426-11	CONVERTER TRANSFORMER (PIT)	
T6200	1-445-430-11	CONVERTER TRANSFORMER (SBT)	
T6800	1-445-419-11	TRANSFORMER, DRIVE	
	THERMISTOR		
TH6300	1-809-789-71	THERMISTOR, POSITIVE	
	VARISTOR		
VD6000	1-804-996-21	VARISTOR	
VD6001	1-804-996-21	VARISTOR	
	ACCESSORIES AND PACKING		
*	3-287-548-11	BAG, PROTECTION (STAND)	
*	3-287-554-01	CARTON, INDIVIDUAL (46)	
*	3-287-557-01	CUSHION, LOWER (46)	
*	3-287-556-01	CUSHION, UPPER (46)	
	3-299-074-11	FLYER, LINUX	
	3-299-071-01	FLYER, SAFETY	
	3-299-072-12	FLYER, WALL MOUNT	
	3-297-698-12	GUIDE, QUICK SETUP (ENGLISH VERSION)	
	3-297-698-23	GUIDE, QUICK SETUP (FRENCH VERSION)	
	3-297-698-32	GUIDE, QUICK SETUP (SPANISH VERSION)	
	3-297-694-13	MANUAL, INSTRUCTION (ENGLISH VERSION)	
	3-297-694-22	MANUAL, INSTRUCTION (FRENCH VERSION)	
	3-297-694-32	MANUAL, INSTRUCTION (SPANISH VERSION)	
*	3-287-555-01	TRAY (46)	
*	3-878-708-01	TRAY (46)	

REF. NO.	PART NO.	DESCRIPTION	VALUES
	MISCELLANEOUS		
⚠	1-835-143-11	POWER-SUPPLY CORD	
	2-580-600-01	SCREW, +PSW M4X8	
☛	2-580-608-01	SCREW, +PSW M5X16	
	(SCREWS TO ATTACH TABLE-TOP STAND TO TV)		
	For product protection and safety reasons, Sony strongly recommends that you use the screws provided with the TV.		
	CAUTION: These screws cannot be used to secure the TV to Wall Mount Brackets.		
	2-650-770-11	SLIDE, CLAMP	
☛	X-2186-601-1	SUPPORT BELT KIT	
	3-874-380-11	TAPE (D4)	
	2-688-062-01	TAPE (LCD)	
	7-632-452-24	TAPE (NO.303) 18MMX35M YEL	
*	2-888-494-01	TAPE, EARTH	
	REMOTE COMMANDER		
	1-480-617-11	REMOTE COMMANDER (RM-YD023)	
	9-885-117-43	BATTERY COVER (RM-YD023)	

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APPENDIX A: ENCRYPTION KEY COMPONENTS

Encryption key components developed by Sony Corporation contain confidential information, and shall be handled under the non-disclosure obligations provided in the applicable agreement with Sony Corporation (and/or its subsidiary).

As part of this agreement specific instructions must be adhered to whenever a Circuit Board containing encryption key components is repaired and/or replaced pursuant to the following:

1) **In the service manual the Circuit Board(s) containing encryption key components shall be identified with a red outline and a .**

2) **Only repair boards or components listed in the service manual shall be utilized for replacement and/or repair.**

3) **Disassembly, decryption, or reverse-engineering component(s) is strictly prohibited.**

4) **Any board in which the Servicer replaces an encryption key component must be placed back into the set it orignally came from and the replaced defective component MUST BE DESTROYED. Boards cannot be swapped.**

5) **If a Circuit Board identified with a red outline and a in the service manual is deemed to be defective:**

   a) **and if a core charge is imposed and is covered under the product warranty, the defective un-repaired or modified board MUST BE RETURNED to Sony.**

   b) **and if the core charge is NOT covered under the product warranty, the defective un-repaired or modified board MUST BE DESTROYED.**

5) **If a unit is destroyed (such as field scrap), the Circuit Board identified with a red outline and a in the service manual MUST BE DESTROYED.**

SERVICE MANUAL

EX1 CHASSIS

In an effort to reduce the size of this pdf file the tiled schematics are not attached to this Service Manual. To receive a complete set of the tiled schematics for this manual please submit a request to the Service Promotion Department at Service_Promotion@am.sony.com.